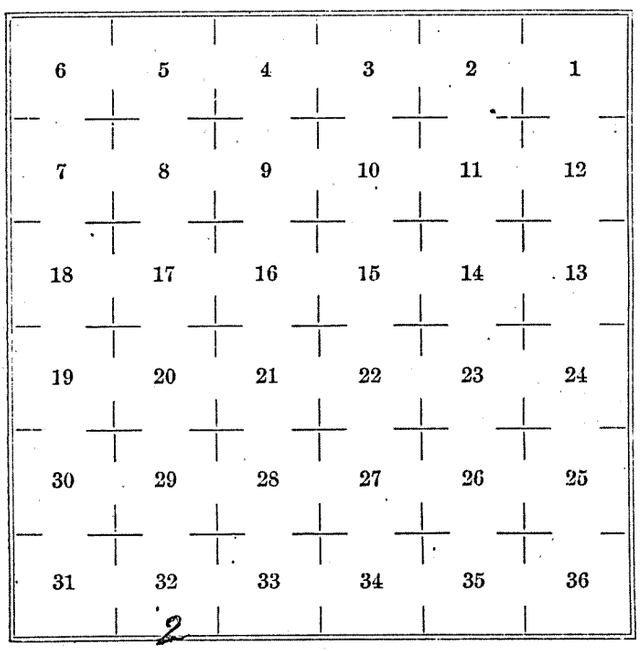
HOMESTEAD ENTRY Nº 89

Book 457 Chpt. 39

Section Corners

4-674.

Township 7 N. R. 15 W. S.B.M.



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

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FD 9461 BK 457 Chpt. 39

SEAL.

8—2349

Applicant for listing, H. C. Hull; application No. 286, dated November 11, 1910; List No. 5-721, dated March 8, 1911. Special Instructions dated January 15, 1914, for Homestead Entry Survey No. 89, situated in the Santa Barbara National Forest, in unsurveyed sections 5 and 6, Township 6 North, Range 15 West of the San Bernardino Base and Meridian, listed under the Act of June 11, 1906.

Survey commenced March 30, 1914, and executed with a W. & L. E. Gurley light mountain transit No. 111045, with a Burt solar attachment; the horizontal limb having two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested and all necessary adjustments of the levels, line of collimation, stadia interval and solar attachment made.

The distances were measured with a 100 link steel tape and a Philadelphia stadia rod with double targets, the rod being graduated to read in feet and hundredths and the target verniers to thousandths.

March 30, 1914, at cor. No. 12 of this survey in latitude 34°39'N., Longitude 118°29'W. in section 5, T 6 N, R 15 W, I set off 3°41'N. on the decl. arc and at 12h. 4m. 45s. p.m., l.m.t., observe the sun on the meridian. The resulting latitude is 34°39'.

At 2h. 03m. p.m., l.m.t., I set off 34°39' on the lat. arc and 3°43'N. on the decl. arc and determine a meridian with the solar, marking a point in the line thereof, by a nail driven in a stake, firmly set 4.00 chains north of the corner.

Chains

On the same date I observe Polaris in accordance with instructions and mark the line thus determined by a nail driven in a stake also firmly set 4.00 chains north of the corner.

Astron. time of observation, March 30, 1914		6h. 29.0m.
Astron. time U. C. of Polaris, "	30, 1914	0h. 58.9m.
Hour angle of Polaris at observation,		5h. 30.1m.
Azimuth of Polaris at observation		1° 24'

March 30, 1914.

March 31, 1914, at 7h. 30m. a.m., I lay off the azimuth of Polaris 1°24' to the East and mark the true meridian by a nail in the stake used for the solar observation of yesterday.

At 9h. 5m. a.m., l.m.t., I set off 34°39' on the lat. arc and 4°02'N. on the decl. arc and determine a meridian with the solar, marking a point in the line thereof by a nail driven in the stake used for the previous observations.

As the solar apparatus defines positions for meridians within one minute of arc East and West of the meridian determined by Polaris observation of March 30, I conclude that the instrument is in adjustment.

The magnetic bearing of the true meridian at 9h. 30m. a.m. March 31 is N. 15°58'W; the angle thus determined gives the magnetic declination N. 15°58'E.

Preliminary to commencing the survey of this Entry Claim, I retrace the public land lines as follows:

After diligent search I am unable to find any trace of the ¼ sec. cor. on the S. bdy. of Sec. 32, T 7 N, R 15 W., but from the standing witness tree, which is a live oak 8 ins. dia., marked ¼ S. on the E. face, I deter-

Chains	
	mine the locus of the true point for the corner and to reestablish same,
	Set a granite stone 24x10x8 ins., 16 ins. in the ground, marked with ½ S. on the N. and 1 H E S 89 on the S. face and raise a mound of stone 2 ft. base, 1½ ft. high, S. 48°W., 3½ ft. dist. from the stone, from which:
	A live oak, 8 ins. dia., bears S. 11°W., 67 lks. dist., marked 1 H E S 89 ½ S 5 B.T.
	No other bearing objects within reasonable distance.
	Thence I run,
	West on a random line along the S. bdy. of Sec. 32, T 7 N, R 15 W, ascend.
2.05	Top of spur, bears N. and S. descend.
4.00	Arroyo, in canyon, course South.
6.80	Top of spur, bears N. and S. descend.
9.34	Dry wash in canyon, 50 lks. wide, course S. ascend.
13.25	Top of spur, bears N. and S. descend.
17.64	Dry wash in ravine, course SE., ascend.
22.70	Top of spur, bears N. and S. descend.
25.25	Dry wash in ravine, course S. ascend.
35.50	Top of spur, bears N. and S. descend.
37.00	Dry wash in ravine, course S., ascend.
39.00	Top of ridge, bears N. and S. descend.
39.90	Fall 124 lks. North of corner of secs. 31 and 32 on S. bdy. of twp. 7 N., R 15 W., which is a granite stone 10x8x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
	Thence I run,
	N. 88°14'E. on a true line on S. bdy. of sec. 32.
39.90	The ¼ sec. cor. on S. bdy. sec. 32, previously described.

March 31, 1914.

CALIFORNIA.

Chains	
	April 1, 1914, at 9h. 10m. a.m., l.m.t., I set off 34°39' on the lat. arc and 4°25'N. on the decl. arc and determine a meridian with the solar at the ¼ sec. cor. on the S. bdy. of sec. 32, which is also cor. No. 1 of this survey.
	Thence I run,
	S. 88°14'W., along the S. bdy. of Sec. 32, T 7 N, R 15 W,
	Ascend E. slope of long spur, through dense brush.
2.05	Top of spur, bears N. and S. descend.
4.00	Dry wash in Arroyo, course South, ascend.
6.80	Top of spur, bears N. and S., descend.
9.34	Dry wash, 50 lks. wide, course S. ascend.
11.00	As no listing corner was found at this point, cor. No. 2 was established in accordance with the calls of the listing survey. Set a granite stone 22x10x5 ins., 14 ins. in the ground for cor. No. 2 of this survey, marked with 2 H E S 89 on the SE face and raise a mound of stone 2 ft. base, 1½ ft. high, S. 45°E., 3½ ft. dist. from the stone, from which: A live oak, 8 ins. dia., bears S.42°15'E.,50 lks.dist., marked 2 H E S 89 B T. No other bearing objects within a reasonable distance.
	Thence I run,
	S. 37°13'W., ascend through dense brush.
2.25	Top of spur, bears NW and SE., descend.
15.00	Ascend point of long ridge.
15.95	Top of spur, bears NW and SE., descend.
18.85	To list cor. No. 3, which is a pine post 4 ins. sq., 2 ft. above ground firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in the same place set a willow stake 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 3 of this survey, marked 3 H E S 89

Chains	
	on the SE face and raise a mound of stone 2 ft. base, 1½ ft. high, S. 45°E., 3½ ft. dist., from the post, from which: A cottonwood 10 ins.dia., bears S.51°0'W., 68 lks. dist., marked 3 H E S 89 B T. No other bearing objects within a reasonable distance.
	Thence I run, S. 63°14'W., descend slightly.
0.75	Leave brush, enter willow thicket, bears S.65°W. and N. 65°E.
1.50	Road to Roosevelt, bears S. 70°W. and N. 70°E.
5.00	Same road, bears S. 10°W. and N. 10°E.
6.20	Leave willows, enter brush, bears N. and S.
6.50	Leave brush, enter field, bears S.78°W. and N. 78°E.
6.53	To list cor. No. 4, which is a willow post 4 ins. sq., 2 ft. above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in the same place set a granite stone 24x8x8 ins., 14 ins. in the ground for cor. No. 4 of this survey, marked 4 H E S 89 on the S. face and raise a mound of stone 2 ft. base, 1½ ft. high, S. 3½ ft. dist. from the stone, from which: A cross (x) on granite boulder, in place 3x2x1 ft. above ground, bears N. 57°E., 52 lks. dist., marked 4 H E S 89 B R.
	No other bearing objects within a reasonable distance.
	Thence I. run, S. 79°12'W., over level land, along N. edge of field.
9.11	To list cor. No. 5, which is a cottonwood post, 5 ins.dia. 2 ft, above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in the same place set a

Chains	
	granite stone 23x6x6 ins., 14 ins. in the ground for corner No. 5 of this survey, marked 5 H E S 89 on SE face and raise a mound of stone 2 ft. base, 1½ ft. high S 45°E., 3½ ft. dist. from the stone, from which: A willow, 16 ins. dia., bears N.86°15'E., 90 lks. dist., marked 5 H E S 89 B T. A live oak 14 ins. dia., bears S.56°45'W., 100 lks. dist., marked 5 H E S 89 B T.
	At this corner I set off 4°28'N. on the decl. arc and at 12h. 4m. 9s. p.m., l.m.t., observe the sun on the meridian. The resulting latitude is 34°39'.
	Thence I run,
	S. 48°46'W. along west line of field.
4.61	To list cor. No. 6, which is a willow post 5 ins. dia. 2 ft. above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in its place set a granite stone, 25x8x6 ins., 15 ins. in the ground for cor. No. 6 of this survey, marked 6 H E S 89 on E face and raise a mound of stone 2 ft. base, 1½ ft. high, E. 3½ ft. dist. from the stone, from which: A willow, 48 ins. dia., bears S.28°35'E. 230 lks. dist., marked 6 H E S 89 B T. No other bearing objects within a reasonable distance.
	Thence I run,
	S. 26°0'E., along west side of field.
2.00	Deep ravine, 50 lks. wide, course S.65°W.
4.23	Leave field, enter willow thicket, bears N. 50°E. and S. 50°W., descend.
4.70	To list cor. No. 7, which is a willow tree, 14 ins. dia., marked and witnessed as described by the Forest Service. I destroy all marks of the listing survey and mark this

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	same tree 7 H E S 89 on the NE face for cor. No. 7 of this survey, from which:
	A willow, 10 ins. dia., bears North, .06 lks. dist., marked 7 H E S 89 B.T.
	A willow, 12 ins. dia., bears N.45°E., .04 lks. dist., marked 7 H E S 89 B.T.
	This corner is located in the old bed of Elizabeth Lake Canyon, S. 26°E., .47 lks. from the N. bank. Mound and pits impracticable.
	Thence I run,
	N. 84°36'E., ascend through willow thicket in old bed of stream.
0.50	Cross Elizabeth Lake Creek, 6 lks. wide course S. 60°W.
6.60	Cross same creek, 5 lks. wide, course S. 65°W.
7.50	Ascend steep S. bank of same creek.
7.86	To list. corner No. 8, which is an oak post, 5 ins. dia. 1 ft. above ground, firmly set and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in its place set a granite stone 23x8x6 ins., 14 ins. in the ground for cor. No. 8 of this survey, marked 8 H E S 89 on the NE face and raise a mound of stone 2 ft. base, 1½ ft. high, N. 3½ ft. dist. from the stone, from which:
	A white oak, 24 ins. dia., bears N.65°54'E., 233 lks. dist. marked 8 H E S 89 B T.
	No other bearing objects within a reasonable distance.
	Thence I run,
	N.66°25'E., ascend slightly along N. base of hills.
4.64	To list cor. No. 9, which is a willow post, 6 ins. dia. 1½ ft. above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in its place set an

Chains	
	ash stake 3 ft. long, 4 ins. sq., 24 ins. in the ground in a mound of stone for cor. No. 9 of this survey marked 9 H E S 89 on the N. face and raise a mound of stone, 2 ft. base, 1½ ft. high, N. 3½ ft. dist., from the post, from which:
	A cross(x) on a boulder in place 2x2x1 ft. above ground, bears N. 59°30'E., 21 lks. dist., marked 9 H E S 89 B R.
	No other bearing objects within a reasonable distance.
	Thence I run,
	N. 88°30'E., ascend along N. base of hills.
3.75	Cross stream, 2 lks. wide, course N. 15°E.
4.10	To list cor. No. 10, which is a willow post, 5 ins. dia. 1 ft. above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in the same place, set a granite stone 24x10x6 ins., 14 ins. in the ground in a mound of stone for cor. No. 10 of this survey, marked 10 H E S 89 on the NW face and raise a mound of stone 2 ft. base, 1½ ft. high, N.45°W., 3½ ft. dist. from the stone, from which:
	A white oak, 12 ins. dia., bears S. 5°W., 300 lks. dist., marked 10 H E S 89 B T.
	A live oak, 6 ins. dia., bears N. 8°10'W., 57 lks. dist., marked 10 H E S 89 B T.
	April 1, 1914.
	April 2, 1914, at 7h. 55m., a.m., l.m.t., I set off 34°39' on the lat. arc and 4°48'N. on the decl. arc and determine a meridian with the solar at cor. No. 10 of this survey.
	Thence I run,
	N. 47°19'E., descend through brush.

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2.00	Leave brush, enter field, bears N.47°E. and N. 45°W.
8.70	Ascend westerly point of low spur, + 25 ft.
8.85	Top of spur, bears SE and NW, descend.
9.05	Enter level land.
13.10	To list cor. No. 11, which is a willow post 6 ins. dia. 2 ft. above ground, firmly set, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in its place set a granite stone 26x6x6 ins., 16 ins. in the ground for cor. No. 11, of this survey, marked 11 H E S 89 on the W face and raise a mound of stone, 2 ft. base, 1½ ft. high, W. 3½ ft. dist., from the stone, from which: A live oak, 8 ins., dia., bears N.34°30'E., 70 lks. dist. marked 11 H E S 89 B T. A cottonwood 20 ins. dia., bears 1°05'W., 166 lks.dist., marked 11 H E S 89 B T.
	Thence I run,
	N.12°17'E., along E. side of field.
4.25	East bank of Elizabeth Lake Creek, bears N.55°E. and S.55°W.
4.50	To list cor. No. 12, which is a willow post, 5 ins.dia., 1 ft. above ground, marked and witnessed as described by the Forest Service. This point falls in the center of the creek bed, a place unsuitable for the corner. I destroy all trace of the listing corner. Set a granite stone 25x12x8 ins., 15 ins. in the ground in a mound of stone, S.12°17'W., 50 lks., for a witness cor. marked W C 12 H E S 89 on the W. face and raise a mound of stone 2 ft. base, 1½ ft. high, W. 3½ ft. dist. from the stone, from which: A willow, 24 ins. dia., bears S.67°20'E., 60 lks. dist., marked W C 12 H E S 89 B T. From the true point for cor. No. 12, the SW cor. of entryman's house bears N.5°40'E., 105 lks. dist.

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	The SW cor. of a shed, bears N.39°35'E.,280 lks. dist.,
	From the true point for cor. No. 12 I run N. 46°06'E., across creek bed.
0.35	Cross Elizabeth Lake Creek, 8 lks. wide, course S.55°W.
0.80	Ascend W. bank of same.
1.00	Set a granite stone 20x10x8 ins., 12 ins. in the ground for witness corner of cor. No. 12, marked W C 12 H E S 89 on the W. face and raise a mound of stone, 2 ft. base, 1½ ft. high, W. 3½ ft. dist., from the stone, from which: A willow 12 ins. dia., bears N.37°W., 21 lks. dist., marked W C 12 H E S 89 B T.
14.50	Road to Roosevelt, bears E and W.
16.00	Ascend bank of old stream bed.
16.35	To cor. No. 1, and ¼ sec. cor., the point of beginning.

April 2, 1914.

Area of Homestead Entry Survey No. 89 ... 31.04 acres.

IMPROVEMENTS.

The improvements made upon and for the benefit of this entry claim, and belonging to August Sirberg, the entryman herein, consist of:

A frame house 14 ft. wide by 20 ft. long, the SW cor. of which bears from the true point for cor. No. 12, N.5° 40'E. 105 lks. dist. Course of long sides NE and SW. Value $150.00

A shed, 10 ft. wide by 12 ft. long, the SW cor. of which bears from the true point for cor. No. 12, N. 39°35' E., 280 lks. dist., Course of long sides, NW and SE. Value $ 25.00

In addition to the above improvements there is 1/5 mile

SANTA BARBARA NATIONAL FOREST
CALIFORNIA.

Chains

of wire fence. Value $20.00

There are no other improvements upon this Entry Claim.

GENERAL DESCRIPTION

THe land embraced in this entry claim consists of the small separated flats on each side of Elizabeth Lake Creek, which runs southwesterly through the claim, and the lower slopes of the hills adjacent to the canyon bottom. Elevation 3000 ft. with slopes of from 2° to 10° to the southwest.

The soil is black sandy silt on the flats in the canyon bottom and coarse granitic loam on the higher slopes. The cover is principally sage and chamisal with scattering sycamores, cottonwoods, and willow thickets along the creek banks. It has no value commercially.

There are no mines or mining operations in this locality and the land within the claim is strictly non-mineral. A passable road leads up the canyon to Roosevelt, the nearest postoffice, 6 miles to the northeast. The nearest settlement is Lancaster, California, on the S. P. R. R. 25 miles to the Northeast.

Posts were used for corners on this survey where no stone of proper dimensions could be found within a reasonable distance from the corners so established.

HOMESTEAD ENTRY SURVEY NO. 89

SANTA BARBARA NATIONAL FOREST

CALIFORNIA.

Chains

Latitudes, Departures and Closing Errors.

Courses	Distances.	Latitudes N	Latitudes S	Departures. E	Departures. W
S. 88°14'W.	11.00		0.34		10.99
S. 37°13'W.	18.85		15.01		11.40
S. 63°14'W.	6.53		2.94		5.83
S. 79°12'W.	9.11		1.71		8.95
S. 48°46'W.	4.61		3.04		3.47
S. 26°00'E.	4.70		4.22	2.06	
N. 84°36'E.	7.86	0.74		7.83	
N. 66°25'E.	4.64	1.86		4.25	
N. 88°30'E.	4.10	0.11		4.10	
N. 47°19'E.	13.10	8.88		9.63	
N. 12°17'E.	4.50	4.40		0.96	
N. 46°06'E.	16.35	11.34		11.78	
Totals	105.35	27.33	27.26	40.61	40.64
		27.26			40.61
Error in Lat.		.07	Error in Dep.		.03

Error in Closure = $\frac{105.35}{\sqrt{.07^2 + .03^2}}$ = 1:1384.

Geo. D. Day,
National Forest Examiner,
Forest Service.