

HOMESTEAD ENTRY N° 89

SEAL

4-674

BK 457
4/27 39

FD 9461

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

Nashua
part
of
the
town

X
X

Township

7 N. 15 W. S 13 M.

4-674

Section Corners

JOSE
in

Book 457
4/27 39

of the corner. A nail, driven in a stake, firmly set 4.00 chains north with the solar, marking a point in the line thereof, by and 30°43' N. on the decl. arc and determine a meridian at 2 p.m. I set off 34°29' on the lat. arc. The resulting latitude is 34°29'. 45 p.m., 1 m.t., observe the sun on the meridian. 15 W., I set off 30°41' N. on the decl. arc and at 12 p.m. 34°29' N., longitude 118°29' W. in section 5, T 6 N, R March 30, 1914, at cor. No. 12 of this survey in latitude

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. The instrument was examined, tested and all necessary adjustments of the levels, line of collimation, stadia interval and solar attachment made. The least count of the verniers of the latitude and declination arcs. Two double verniers placed opposite to each other and a Burt solar attachment; the horizontal limb having & L. H. Gurvey light mountain transit No. 111045, with survey commenced March 30, 1914, and executed with a W.

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. Homestead Entry Survey No. 89, situated in the Santa 1911. Special Instructions dated January 15, 1914, for dated November 11, 1910; List No. 5-721, dated March 8, Applicant for listing, H. C. HULL; application No. 286.

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 $\frac{1}{2}$ 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 $\frac{1}{2}$ S. on the W. face, I deter-

The magnetic bearing of the true meridian at 9h. 30m. a.m. March 31 is N. $15^{\circ}58'W$; the angle thus determined gives the magnetic declination N. $15^{\circ}58'W$.

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.

At 9h. 5m. a.m., 1.m.t., I set off $34^{\circ}39'$ on the lat. arc and $4^{\circ}21'N$. 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.

At 9h. 5m. a.m., 1.m.t., I set off $34^{\circ}39'$ on the lat. arc and $4^{\circ}21'N$. 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.

March 30, 1914.

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 10 24'

Chains

CALIFORNIA.

Chains
 To mine the locus of the true point for the corner and to
 establish same, the same was established in the ground,
 Set a granite stone 24x10x8 ins., 16 ins. in the ground,
 marked with $\frac{1}{2}$ S. on the N. and 1 H. S. 89 on the S. face
 and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, S.
 48° W., 3 $\frac{1}{2}$ ft. dist. from the stone, from which:
 31.1 A live oak, 8 ins. dia., bears S. 11° W., 67 lks. dist.,
 marked 1 H. S. 89 & S. 15 H. T. 100.

No other bearing objects within reasonable distance.

Thence I run,
 West on a random line along the S. bdy. of Sec. 22, 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.

12.25 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 with-

essed as described by the Surveyor General.

Thence I run,

N. 88° 14' E. on a true line on S. bdy. of sec. 32.

The $\frac{1}{2}$ sec. cor. on S. bdy. sec. 32, previously described.

March 31, 1914.

CALIFORNIA

Chains

April 1, 1914, at 9h. 10m. a.m., 1 m.t. I set off 34°39'

on the lat. arc and 4°25' N. on the decl. arc and deter-

mine a meridian with the solar at the 2^d sec. cor. on

the S. day of sec. 32, which is also cor. No. 1 of

this survey. The angle is 110° 15' 30"

Thence I run, on a bearing of 110° 15' 30"

S. 88° 14' W. along the S. day of sec. 32, 7 N, R 15 W,

Ascend E. slope of long spur, through dense brush.

Top of spur, bears N. and S., descend.

Dry wash in Arroyo, course South, ascend.

Top of spur, bears N. and S., descend.

Dry wash, 50 lks. wide, course S. ascend.

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 22x10x8 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, 1 1/2 ft. high, S. 45° E., 2 1/2 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 1.

No other bearing objects within a reasonable distance

are observed. The distance to the oak is 50 lks.

Thence I run, on a bearing of 110° 15' 30"

S. 37° 13' W., ascend through dense brush. Set line

2.25 Top of spur, bears NW and SE.; descend. to 2^d

-15.00 Ascend point of long ridge. and descend.

15.95 Top of spur, bears NW and SE.; descend.

18.85 To 1st 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 2 ft. long, 4 ins. sq., 2 ft. in the

ground for cor. No. 3 of this survey, marked 3 H E S 89

9.11 To 1st 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

Thence I run, S. 79° 12' W., over level land, along N. edge of field.

No other bearing objects within a reasonable distance.

marked 4 H E S 89 B R.

ground, bears N. 57° E., 52 lks. dist. from the stone, from which:

(x) A cross on granite boulder, in place 3x2x1 ft. above

S. 57 ft. dist. from the stone, from which:

face and raise a mound of stone 2 ft. base, 1 1/2 ft. high.

cor. No. 4 of this survey, marked 4 H E S 89 on the S.

granite stone 24x8x8 ins., 14 ins. in the ground for

of this old listing corner and in the same place set a

described by the Forest Service. I destroy all trace

2 ft. above ground, firmly set, marked and witnessed as

To 1st cor. No. 4, which is a willow post 4 ins. sq.,

6.50 Leave brush, enter field, bears S. 78° W. and N. 78° E.

6.20 Leave willows, enter brush, bears N. and S.

5.00 Same road, bears S. 10° W. and N. 10° E.

1.50 Road to Roosevelt, bears S. 70° W. and N. 70° E.

0.75 Leave brush, enter willow thicket, bears S. 65° W. and N. 65° E.

S. 63° 14' W., descend slightly.

Thence I run,

Chains

on the SE face and raise a mound of stone 2 ft. base,

1 1/2 ft. high, S. 45° E., 3 1/2 ft. dist. from the post, from

which:

A cottonwood 10 ins. dia., bears S. 51° 01' W., 68 lks. dist.

marked 3 H E S 89 B R.

No other bearing objects within a reasonable distance.

I destroy all marks of the listing survey and mark this
 marked and witnessed as described by the Forest Service.
 No. 1st cor. No. 7, which is a willow tree, 14 ins. dia.,
 50° W., descend. 50 lks. wide, course S. 65° W. 1
 Leave field, enter willow thicket, bears N. 50° E. and S.
 Deep ravine, 50 lks. wide, course S. 65° W. 1
 S. 26° 0' E., along west side of field.
 Thence I run,

4.70
 4.23
 2.00

No other bearing objects within a reasonable distance.
 A willow, 48 ins. dia., bears S. 28° 25' E. 230 lks. dist.
 27 ft. dist. from the stone, from which:
 and raise a mound of stone 2 ft. base, 1 1/2 ft. high, E.
 cor. No. 6 of this survey, marked 6 H E S 89 on E face
 granite stone, 25x8x6 ins., 15 ins. in the ground for
 of this old listing corner and in its place set a
 described by the Forest Service. I destroy all trace
 2 ft. above ground, firmly set, marked and witnessed as
 No. 1st cor. No. 6, which is a willow post 5 ins. dia.,
 S. 48° 46' W. along west line of field.
 Thence I run,

4.61

At this corner I set off 4° 28' N. on the decl. arc and
 marked 5 H E S 89 B T.
 A live oak 14 ins. dia., bears S. 56° 45' W. 100 lks. dist.
 A willow, 16 ins. dia., bears N. 86° 15' E. 90 lks. dist.
 S 45° E., 27 ft. dist. from the stone, from which:
 face and raise a mound of stone 2 ft. base, 1 1/2 ft. high
 corner No. 5 of this survey, marked 5 H E S 89 on SE
 granite stone 23x6x6 ins., 14 ins. in the ground for

Chains

4.64 To list corner No. 9, which is a willow post, 6 ins. dia. 1 1/2 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 an

Thence I run, N. 66° 25' E., ascend slightly along N. base of hills. N. 66° 25' E., ascend slightly along N. base of hills. From the stone, from which: marked 8 H E S 89 B.M. No other bearing objects within a reasonable distance.

Chains same tree 7 H E S 89 on the NE face for corner No. 7 of this survey, from which: marked 7 H E S 89 B.M. A willow, 10 ins. dia., bears north, .06 lks. dist. A willow, 12 ins. dia., bears N. 45° E., .04 lks. dist. This corner is located in the old bed of Elizabeth Lake Canyon, S. 26° E., .47 lks. from the N. bank. Mound and

Chains

with 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, 1 1/2 ft. high, N. 5 1/2 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
marked 9 H E S 89 B R C. No. 9, course

No other bearing objects within a reasonable distance.

Thence I run,
N. 88° 30' E., ascend along N. base of hills.

Gross stream, 2 lks. wide, course N. 15° E., dist.

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

granite stone 24x10x6 ins., 14 ins. in the ground in
the mound of stone for cor. No. 10 of this survey, marked

marked 10 H E S 89 on the NW face and raise a mound of stone

stone, from which:

marked 10 H E S 89 B L. No. 10, course
marked 10 H E S 89 B L. No. 10, course

marked 10 H E S 89 B L. No. 10, course
marked 10 H E S 89 B L. No. 10, course

April 2, 1914, at 7h. 55m., a.m., 1.m.t., 1 set off 34° 39'

on the lat. arc and 4° 48' N. on the decl. arc and deter-

mine a meridian with the solar at cor. No. 10 of this

survey. Thence I run, along the decl. arc and lat. arc

N. 47° 19' E., descend through brush, 100 yds.

Leave brush, enter field, bears N. 47° E. and N. 45° W.
 Ascend westerly point of low spur, + 25 ft.
 Top of spur, bears SE and NW, descend.
 Enter level land.
 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 gra-
 nite 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, 1 1/2 ft.
 high, W. 3 1/2 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 W.
 A cottonwood 20 ins. dia., bears 1° 05' W., 166 lks. dist.
 marked 11 H E S 89 B W.
 Thence I run,

N. 12° 17' E., along E. side of field.
 S. East bank of Elizabeth Lake Creek, bears N. 55° E. and 55° W.
 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 gra-
 nite 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, 1 1/2 ft. high, W. 2 1/2 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 W.
 From the true point for cor. No. 12, the SW cor. of en-
 tryman's house bears N. 5° 40' E., 105 lks. dist.

Chains
 2.00
 8.70
 8.85
 9.05
 13.10
 4.25
 4.50

Chains

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.

Gross Elizabeth Lake Creek, 8 lks. wide, course S. 55° W.

Ascend W. bank of same.

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, 1 1/2 ft. high, W. 3 1/2 ft. dist., from the stone, from

which:

AW 1110 12 ins. dia., bears N. 37° W., 21 lks., dist.,

marked W C 12 H E S 89 B 11

Road to Roosevelt, bears E and W.

Ascend bank of old stream bed.

To cor. No. 1, and 1/2 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 Strberg, the entry-

men 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