

HOMESTEAD ENTRY SURVEY NO. 92

ANGELES NATIONAL FOREST
CALIFORNIA

Chains

Applicant for listing, B. F. Burkhardt; application No. 34, dated June 28, 1908; List No. 2073, dated November 11, 1908; List No. 5-1744, dated April 24, 1913, List No. 5-1492, dated September 22, 1913. Special Instructions dated February 17, 1914, for Homestead Entry Survey No. 92, situated in the Angeles National Forest in surveyed (unapproved) secs. 13, 23, and 24, Township 4 North, Range 10 West of the San Bernardino Base and Meridian, listed under the Act of June 11, 1906.

Survey commenced April 6, 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 and solar attachment made.

The distances were measured with a 100 link steel tape.

April 6, 1914; at the corner of secs. 13, 14, 23 and 24, T 4 N, R 10 W, which is a decayed oak stake, 3 ins. diam., 2 ft. above ground in a mound of stone, firmly set, marked and witnessed as described by the Surveyor General, in latitude $34^{\circ}25'N.$, longitude $117^{\circ}53'30''W.$, I set off $6^{\circ}22'N.$ on the decl. arc and at 12h. 2m. 40s., p.m., l.m.t., observe the sun on the meridian. The resulting latitude is $34^{\circ}25'.$

At 4h. 4m. p.m., l.m.t., I set off $34^{\circ}25'$ on the lat. arc

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Chains and $6^{\circ}27'N$. 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.

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

U.C. of Polaris, April 6, 1914. 0h. 30.3m. p.m., l.m.t.

Observation. April 6, 1914. 6h. 39.0m. p.m., l.m.t.

Hr. angle of Polaris at obser. 6h. 08.7m. p.m., l.m.t.

Azimuth of Polaris at observation $1^{\circ} 24'$

April 6, 1914.

April 7, 1914, at 7h. 30m. a.m., I lay off the azimuth of Polaris $1^{\circ}24'$ to the east and mark the true meridian by a nail driven in the same stake used for the solar observation of April 6.

At 8h. 10m. a.m., l.m.t., I set off $34^{\circ}25'$ on the lat. arc and $6^{\circ}42'N$. 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 by p.m. and a.m. observations defines positions for meridians within one minute of arc east and west of the meridian determined by Polaris, I conclude that the instrument is in adjustment.

The magnetic bearing of the true meridian at 7h. 30m. a.m.

April 7, 1914, is $N.15^{\circ}55'E$; the angle thus determined gives the magnetic declination $N. 15^{\circ}55'E$.

As the cor. of secs. 13, 14, 23 and 24, previously described, is in poor condition, I reestablish same by setting an iron post, with a brass cap, 3 ft. long 2 ins dia., 2 ft. in the ground in a mound of stone

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marked, on brass cap:

T 4 N
S 14 : S 13
S 23 : S 24
R 10 W

and 1 H E S 92 on the E. half for cor. No. 1 of this survey, and raise a mound of stone, 3 ft. base, 2 ft. high, W. $3\frac{1}{2}$ ft. dist. from the corner.

No bearing objects available.

Thence I run,

East on a random line between secs. 13 and 24; ascend.

- 3.50 Road from Burkhardt's Ranch to little Rock, bears N. and S.
7.00 Ascend slope of second mesa land.
8.96 Wire fence, bears N. and S. over level mesa.
11.93 Wire fence, bears N. and S., leave mesa and descend.
25.00 Wire fence, bears N. and S.
36.00 Wire fence, bears N. and S., enter field.
39.90 Fall 6 lks. south of the $\frac{1}{4}$ sec. cor. between secs. 13 and 24, which is an iron post 1 in. dia., 1 ft. above ground with a brass cap, marked and witnessed as described by the Surveyor General.

Thence I run,

S. $89^{\circ}55'W.$ on a true line between secs. 13 and 24.

- 14.96 Set temp. stake for cor. No. 4 and C C.
29.93 Set temp. stake for cor. No. 5.
39.90 The cor. of secs. 13, 14, 23 and 24.

From the cor. of secs. 13, 14, 23 and 24, previously described, I run,

N. $0^{\circ}19'W.$, on a random line between secs. 13 and 14.

Descend along E. bank of deep arroyo.

- 3.45 Descend into deep bend of E. bank.
12.78 Regain top of bank again.
14.50 Descend into deep bend of E. bank.
20.75 Regain top of bank, descend sloping mesa.

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- 35.00 Road from Burkhardt's Ranch to Little Rock, bears NW & SW.
- 40.18 Fall 13 lks, east of $\frac{1}{4}$ sec. cor. between secs. 13 and 14, which is a badly decayed oak stake, 3 ins. diam., set in a mound of stone, 3 ft. base, 2 ft. high, without marks or witness. To reestablish this corner I set a juniper post 3 ft. long, 4 ins. sq., 2 ft. in the ground in a mound of stone, marked $\frac{1}{4}$ S 14 on the W. and S 13 on the E. face, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. $3\frac{1}{2}$ ft. dist., from the corner.
- Thence I run,
- S. $0^{\circ}30'E.$ on a true line between secs. 13 and 14.
- 20.09 Set temp. stake for $1/16$ sec. cor. and cor. No. 2.
- 40.18 The corner of secs. 13, 14, 23 and 24.
- No observation for latitude on account of cloudy weather.
-
- From the cor. of secs. 13, 14, 23 and 24, I run
- South, on a random line between secs. 23 and 24.
- Ascend sloping mesa, through dense brush.
- 28.50 Road, bears NW and SE.
- 39.00 Wire fence, bears E. and W., leave brush, enter field, bears W. and SE.
- 45.00 Leave field, bears E. and W., enter brush.
- 51.32 Fall .04 $\frac{1}{2}$ lks, east of the $\frac{1}{4}$ sec. cor. between secs. 23 and 24, an iron post 1 in. diam., 1 ft. above ground, with a brass cap, marked and witnessed as described by the Surveyor General.
- 52.75 Irrigation conduit, bears NE and SW.
- 64.30 Ascend point of spur, bears N. and S.
- 78.00 Top of spur, descend along steep west slope.
- 91.46 Fall .08 lks. east of the cor. of secs. 23, 24, 25 and 26, which is a granite stone, 8x8x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor Gen.
- Thence I run,
- N. $0^{\circ}03'E.$ on a true line between secs. 23 and 24.

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- 40.14 The $\frac{1}{4}$ sec. cor. between secs. 23 and 24.
91.46 The cor. of secs. 13, 14, 23 and 24.

April 7, 1914.

April 8, 1914. Having now retraced such public land lines as affect the exterior lines of this entry claim, I now proceed with the survey.

At 8h. 10m. a.m., l.m.t., I set off $34^{\circ}25'$ on the lat. arc and $7^{\circ}04'N.$ on the decl. arc and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24, previously described, which is also cor. No. 1 of this survey.

Thence I run,

N. $0^{\circ}30'W.$, between secs. 13 and 14, descend sloping mesa long E. bank of deep arroyo.

- 3.45 Descend into deep bend of E. bank of arroyo.
12.78 Regain top of bank again.
14.50 Descend into deep bend in E. bank.
17.00 Ascend steep slope of E. bank
20.09 Intersect temp. $1/16$ sec. cor.

Set a granite stone, $30 \times 14 \times 8$ ins., 20 ins. in the ground in a mound of stone, for $1/16$ sec. cor. and cor. No. 2 of this survey, marked $1/16$ S. on the SW and 2 H E S 92 on the SE face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. $45^{\circ}E.$, $3\frac{1}{2}$ ft. dist.

The $\frac{1}{4}$ sec. cor. between secs. 13 and 14, bears N. $0^{\circ}30'W.$ 20.09 chains dist.

No other bearings available.

Thence I run,

N. $89^{\circ}55'E.$ ascend steep slope.

- 0.69 Top of ascent, enter mesa, bears N and S.
1.90 Wire fence, bears N. and S.

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- 2.15 Road to Little Rock, bears N and S.
- 7.63 Wire fence, bears E. and W., descend 4° slope to east.
- 24.94 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground, in a mound of stone, for cor. No. 3 of this survey, marked 3 H E S 92 on the SW face and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. 45° W., $3\frac{1}{2}$ ft. dist. from the corner.
- No bearing objects available.

Thence I run,

S. $0^{\circ}30'E.$, descend 4° slope to southeast.

- 0.40 wire fence, bears E. and W., cor of fence about 50 lks. E.
- 20.09 Intersect temp. stake set for closing cor. and cor. No. 4.
Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for closing cor. and cor. No. 4 of this survey, marked C C on the N. and 4 H E S 92 on the W. face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. $3\frac{1}{2}$ ft. dist.
- The $\frac{1}{2}$ sec. cor. between secs. 13 and 24, bears N. $89^{\circ}55'E.$, 14.96 chains.
- No other bearings available.

Thence I run,

S $89^{\circ}55'W.$, between secs. 13 and 24, ascend.

- 13.00 Top of ascend, enter mesa, bears N. and S., wire fence, N. and S.
- 14.97 Intersect temp. stake. Set a juniper stake, 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 5 of this survey, marked 5 HES 92 on the NW face, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. 45° W., $3\frac{1}{2}$ ft. dist.
- The cor. of secs. 13, 14, 23 and 24, bears S. $89^{\circ}55'W.$ 9.97 chs. dist.
- No other bearing objects available.

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Thence I run,

S. $0^{\circ}03'W.$, ascend sloping mesa.

- 5.00 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 6, of this survey, marked 6 H E S 92 on the SW face and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, S $45^{\circ}W.$, $3\frac{1}{2}$ ft. dist.
No bearing objects available.
-

Thence I run,

N. $89^{\circ}55'E.$ over open mesa land.

- 2.50 Wire fence, bears N. and S. descend to arroyo.
3.00 Ravine, in arroyo, 5 lks. wide, course N. and ascend.
4.10 Leave arroyo, enter mesa, bears N. and S.
4.99 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground, for cor. No. 7 of this survey, marked 7 H E S 92, on the SW face and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S $45^{\circ}W.$, $3\frac{1}{2}$ ft. dist.
No bearing objects available.

At this corner I set off $7^{\circ}08'N.$ on the decl. arc and at 12h. 02m. 5s., p.m., l.m.t., observe the sun on the meridian. The resulting latitude is $34^{\circ}25'$.

Thence I run,

S. $0^{\circ}03'W.$, ascend over open mesa.

- 3.00 Wire fence, bears E and W.
10.00 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 8 of this survey, marked 8 H E S 92 on the SW face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. $45^{\circ}W.$, $3\frac{1}{2}$ ft. dist.
No bearing objects available.
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Thence I run,

N. $89^{\circ}55'E.$, over open mesa land.

- 3.80 Wire fence, bears NW and SE.

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3.90 Descend steep E. slope.

4.90 Set a granite stone, 24x14x10 ins., 14 ins. in the ground for cor. No. 9, of this survey, marked with a cross (x) on top and 9 H E S 92 on the SW face and raise a mound of stone, 2 ft. base, 1½ ft. high, S 45°W., 3½ ft. dist. No bearing objects available.

Thence I run,

S. 0°03'W., ascend steep easterly slope.

2.00 Top of ascent, enter mesa bears N. 25°W. and S. 25°E.

10.00 Set a juniper post, 3 ft. long., 4 ins. sq., 2 ft. in the ground for cor. No. 10, of this survey, marked 10 H E S 92 on the SW face. No bearing objects; therefore dig pits 24x24x12 ins. crosswise on this and the succeeding course 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high., S. 45°W., 3½ ft. dist., from the cor.

Thence I run,

N. 89°55'E., over open mesa land.

1.70 Leave mesa, bears N. and S. descend steep slope.

4.99 Set a granite stone, 36x10x8 ins., 26 ins. in the ground for cor. No. 11, of this survey marked with a cross (x) on top and 11 H E S 92 on the SW face and raise a mound of stone, 2 ft. base, 1½ ft. high, S 45°W., 3½ ft. dist., from the corner. No bearing objects available.

Thence I run,

S. 0°03'W., ascend over low ridges and arroyos, along E. base of mesa.

10.00 Set a granite stone 30x14x8 ins. 20 ins. in the ground for cor. No. 12, of this survey, marked with a cross (x) on top and 12 H E S 92 on the NW face and raise a mound

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of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. 45° W., $3\frac{1}{2}$ ft. dist.
No bearing objects available.

Thence I run,

S. $89^{\circ}55'$ W., ascend steep E. slope.

3.44 Wire fence, bears N. and S., enter mesa bears N. and S.

4.98 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the
ground for cor. No. 13, of this survey, marked 13 H E S
92 on the NW face.

No bearing objects; therefore dig pits, $24 \times 24 \times 12$ ins.
crosswise on this and the succeeding course 7 ft. dist.
and raise a mound of earth, 4 ft. base, 2 ft. high, N.
 45° W., $3\frac{1}{2}$ ft. dist.

Thence I run,

S. $0^{\circ}03'$ W., ascend over ~~open~~ mesa.

0.15 Wire fence, bears E. and W.

4.34 Leave mesa, bears NE and SW, descend steep slope.

5.00 Set a juniper post, 3 ft. long, 5 ins. sq., 2 ft. in the
ground for cor. No. 14 of this survey, marked 14 H E S
92 on the NW face and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, N. 45° W., $3\frac{1}{2}$ ft. dist. from the cor.
No bearing objects available.

April 8, 1914.

April 9, 1914; at 9h. 15m. a.m., l.m.t., I set off $34^{\circ}25'$ on
the lat. arc and $7^{\circ}27'$ N. on the decl. arc and determine a
meridian at cor. No. 14 of this survey.

Thence I run,

S. $89^{\circ}55'$ W., ascend steep E. slope.

0.50 Wire fence, bears N. and S.

1.00 Top of ascent, enter mesa, bears NE and SW.

9.97 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the
ground for cor. No. 15 of this survey, marked 15 H E S

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92 on the SW face. No bearing objects; therefore dig pits $2\frac{1}{2} \times 2\frac{1}{2} \times 12$ ins. crosswise on this and the succeeding course 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. 45° W., $3\frac{1}{2}$ ft. dist. from the cor. The SE cor. of Entryman's house bears N. 24° W., 5.20 chs. The SW cor. of Entryman's barn, bears N. $3^\circ 10'$ W. 3.90 chs.

Thence I run,

S. $0^\circ 03'$ W., ascend slightly.

- 2.50 Descend into deep arroyo bears NE and SW.
8.60 Regain S. bank of same, ascend. =
10.80 Wire fence, bears NW and SE.
10.86 Top of spur, bears E. and W. descend.
15.00 Set an iron post with a brass cap, 3 ft. long, $1\frac{1}{2}$ ins. dia. 2 ft. in the ground in a granite ledge, for cor. No. 16 of this survey, marked 16 H E S 92 on the brass cap, and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. 45° W. $3\frac{1}{2}$ ft. dist.
No. bearing objects available.
-

Thence I run,

N $89^\circ 55'$ E. descend rocky arroyo.

- 8.57 Set a granite stone, $30 \times 10 \times 6$ ins., 6 ins. in the ground to bedrock in a mound of stone, for cor. No. 17 of this survey, marked 17 H E S 92 on the SW face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. 45° W., $3\frac{1}{2}$ ft. dist., from which:
A pine, 24 ins. dia., bears S. 14° E., 165 lks. dist.,
marked 17 H E S 92 B T.
No other bearings available.
-

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Thence I run,

S. $0^{\circ}03'W.$, descend rocky slope.

0.50 Dry wash, 10 lks. wide, course E., ascend steep hill.

3.80 Top of hill, bears E. and W., descend.

4.78 As this point is the statutory limit of length,

Set an oak post, 3 ft. long, 4 ins. sq., 1 ft. in the ground to bedrock, in a mound of stone, for cor. No. 18 of this survey, marked 18 H E S 92 on the NW face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, $N.45^{\circ}W.$ $3\frac{1}{2}$ ft. dist., from which:

A pine, 14 ins. dia., bears $N.14^{\circ}15'E.$, 32 lks. dist.,
marked 18 H E S 92 B T.

A pine, 10 ins. dia., bears $N. 57^{\circ}20'W.$, 80 lks. dist.,
marked 18 H E S 92 B T.

Thence I run,

S. $89^{\circ}55'W.$, ascend over rocky ledges.

8.10 Top of ridge, bears N. and S. enter dense brush, descend.

18.50 Intersect the line between secs. 23 and 24 at a point

S. $0^{\circ}03'W.$, 8.50 chains from the $\frac{1}{4}$ sec. cor. between secs. 23 and 24, previously described.

Set a juniper post, 3 ft. long, 5 ins. sq., 2 ft. in the ground for closing corner and cor. No. 19 of this survey, marked C C on the E and 19 H E S 92 on the N. face and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, $N. 89^{\circ}55'E.$ $3\frac{1}{2}$ ft. from the corner.

No bearing objects available.

The corner of secs. 23, 24, 25 and 26 bears S. $0^{\circ}03'W.$, 31.64 chains.

At this corner, I set off $7^{\circ}30'N.$ on the decl. arc and at 12H. 01m. 48s., p.m., l.m.t., observe the sun on the meridian. The resulting latitude is $34^{\circ}25'$.

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Thence I run,
S. $89^{\circ}55'$ W., descend through dense brush.

- 5.02 List cor. No. 2 of list No. 5-1942, which is a cedar post.
3 ins. sq., 1 ft. above ground, marked and witnessed as
described by the Forest Service, bears South 1.38 lks.
dist. I destroy all trace of this listing corner.
- 7.14 Irrigation conduit bears N. 40° E. and S. 40° W.
- 8.50 Descend into deep rocky gorge 150 ft.
- 11.15 Intersect line 3-4 of list No. 5-1942 at a point N. 3° W.,
1.37 chains from list corner No. 3, which is a granite
boulder marked and witnessed as described by the Forest
Service. As this point falls in the center of a deep rocky
gorge, a place unsuitable for the corner, I destroy all
trace of this listing corner and set a granite stone,
24x8x8 ins., 14 ins. in the ground, at N. $89^{\circ}55'$ E., 3.90
chains from the true point for the corner, marked with a
cross (x) and W C 20 H E S 92 on the N. face for witness
corner and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
N. $3\frac{1}{2}$ ft. dist. from the corner, from which:
A manzanita, 12 ins. diam., bears S. 85° E., 75 lks. dist.,
Marked W C 20 H E S 92 B T.

As line 3-4 of list 5-1942 traverses the side of a perpen-
dicular cliff some 200 ft. high, and is inaccessible and
unsurveyable, I offset from the true point for cor. No.
20, as follows:

N. $89^{\circ}55'$ E. on line 20-19.

- 3.90 To witness corner previously described.
- 4.63 To a point.
Thence North.
- 3.52 Intersect line 4-1 of list No. 5-1942 at a point N. $89^{\circ}24'$ E,
4.82 chains from list cor. No. 4, which is a granite cliff,
200 ft. high, marked and witnessed as described by the
Forest Service. As the true point for this corner

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falls in a place unsuitable for the cor. I destroy all trace of the old listing marks and set a granite stone, 30x10x8 ins., 20 ins. in the ground at N.89°24'E, 4.82 chs., for witness corner and cor. No. 21 of this survey, marked with a cross(x) and W C 21 H E S 92 on the S. face and raise a mound of stone, 2 ft. base, 1½ ft. high, S. 3½ ft. dist., from the corner, from which:
A boulder in place, 8x6x6 ft. above ground, bears N.10° 20'W., 40 lks. dist., marked with a cross(x) and W C 21 H E S 92 B T.
The course of line 20-21 is N. 3°0'W., 3.44 chains.

From the true point for cor. No. 21, I run N. 89°24'E.
descend into deep gorge, -100 ft.

- 1.00 Cross stream, 10 lks. wide, course North and ascend.
- 4.82 Witness cor. for cor. No. 21, previously described.
- 5.00 Top of ascent, enter sloping mesa, bears N. and S.
- 6.32 To list cor. No. 1 of list 5-1942, which is a cedar stake, 4 ins. sq., 1 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this old listing corner and in its place set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 22 of this survey, marked 22 H E S 92 on the SE face. No bearing objects available; therefore dig pits 24x24x12 ins., crosswise on this and the succeeding course 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft high, S. 45°E., 3½ ft. dist. from the corner.

Thence I run,
N.0°03'E., descend through brush.

- 3.89 E. bank of arroyo, bears NE and SW., descend.
- 4.90 To a point West, 1.95 chains from cor. No. 2 of list No. 5-1744, which is a cedar stake, 3 ins. sq., 1 ft. above

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ground, marked and witnessed as described by the Forest Service.

Set a granite stone, 26x10x8 ins., 16 ins. in the ground, for cor. No. 23, of this survey, marked with a cross(x) on top and 23 H E S 92 on the SE face and raise a mound of stone 2 ft. base, 1½ ft. high, S. 45° E., 3½ ft. dist. from the corner, from which:

A boulder in place, 10x4x3 ft. above ground, bears S. 55° E. 12 lks. dist.,

marked with a cross(x) and 23 H E S 92 B R.

Thence I run,

E, ascend West slope.

0.95 Top of bank, enter mesa, bears NE and SW.

1.95 To list corner No. 2 above described. Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for corner No. 24, marked 24 H E S 92 on the SE face.

No bearing objects available; therefore dig pits, 24x24 x12 ins. crosswise on this and the succeeding course 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. 45° E., 3½ ft. dist. from the corner.

The ¼ sec. cor. between secs. 23 and 24, previously described, bears N. 87° E., 3.05 chains dist.

Thence I run,

N. 0°18'W., descend along E. bank of arroyo.

7.56 To corner No. 3 of list No. 5-1744, which is acedar stake, 4 ins. sq., 1 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this listing corner and in its place set a juniper post 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor. No. 25, of this survey, marked 25 H E S 92 on the NE face. No bearing objects available; therefore dig pits 24x24x12 ins. on this and the succeeding course 7 ft. dist.

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and raise a mound of earth, 4 ft. base, 2 ft. high, N.
45°E., 3½ ft. dist. from the corner.

April 9, 1914.

April 10, 1914; at 8h. 15m. a.m., l.m.t., I set off 34°25'
on the lat. arc and 7°49'E. on the decl. arc and deter-
mine a meridian with the solar at cor. No. 25 of this
survey.

Thence I run,

N 39°0'W., descend, along E. bank of arroyo.

- 3.48 To cor. No. 4 of list No. 5-1744, which is a cedar stake
4 ins. sq., 1 ft. above ground, marked and witnessed as
described by the Forest Service, I destroy all trace of
this old listing corner and in its place set a juniper
post, 3 ft. long, 4 ins. sq., 2 ft. in the ground for cor.
No. 26 of this survey, marked 26 H E S 92 on the NE face.
No bearing objects available; therefore dig pits 24x24x12
ins. crosswise on this and the succeeding course 7 ft.
dist. and raise a mound of earth 4 ft. base, 2 ft. high
N. 45°E., 3½ ft. dist. from the corner.

Thence I run,

N. 0°23'W., descend along W. side of field.

- 2.29 To cor. No. 5 of list No. 5-1744, which is a cedar stake,
4 ins. sq., 1 ft. above ground, 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 in a mound of
stone for cor. No. 27 of this survey, marked 27 H E S 92
on the SE face and raise a mound of stone 2 ft. base, 1½
ft. high, S. 45°E., 3½ ft. from the cor.
No bearing objects available.
-

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Thence I run,

S. 89°28'E., ascend along N. side of field.

- 5.29 To cor. No. 6 of list No. 5-1744 on line bet. secs. 23 and 24, which is a cedar stake 4 ins. sq., 1 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this listing cor. and in its place set a granite stone, 23x12x6 ins., 14 ins. in the ground for closing cor. and cor. No. 28 of this survey, marked with a cross(x) on top and C C on the W. and 28 H E S 92 on the S. face, and raise a mound of stone 2 ft. base, 1½ ft. high, W. 3½ ft dist. from the corner. The ¼ sec. cor. between secs. 23 and 24, previously described, bears S. 0°03'W., 12.46 chains. No other bearings available.

Thence I run,

N. 0°03'E. between secs. 23 and 24, descend 4° slope.

- 10.35 Road, bears NW and SE.

- 38.86 To cor. No. 1, the point of beginning.

April 10, 1914.

Area of Homestead Entry Survey No. 92:

Area in Section 13 50.10 acres.
Area in Section 23 11.01 acres.
Area in Section 24 98.47 acres.

Total area of H. E. S. No. 92 159.58 acres.

In order that the area of this entry survey should not exceed 160 acres, the entryman elected to eliminate that portion of the listed tract east of line 17-18, a tract 4.87 chs. long and 1.40 chs. wide.

Improvements.

The improvements made upon and for the benefit of this Entry claim and belonging to B. F. Burkhart, the entryman

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herein, consist of:

A two story frame house, 24 ft. wide, by 26 ft. long, the SE cor. of which bears from cor. No. 15, N.27°W., 5.20 chains dist.; course of long sides, E and W.

Value \$600.00

A shed, 16 ft. wide by 24 ft. long, the NE cor. of which bears from cor. No. 15, N. 36°W., 5.60 chains; course of long sides, N and S.

Value \$ 50.00

A shed, 12 ft. wide by 16 ft. long, the SE cor. of which bears from cor. No. 15, N.8°10'W., 4.40 chains; course of long sides E. and W.

Value \$ 20.00

A corrugated iron barn, 20 ft. wide and 35 ft. long, the SW cor. of which bears from cor. No. 15, N. 3°10'W., 3.90 chains; course of long sides E. and W.

Value \$100.00

In addition to the above described buildings there is:
1800 ft. of 8 in. cement conduit for irrigation,

Value \$1500.00

500 ft. of 10 in. cement conduit for irrigation,

Value \$1000.00

Also 2½ miles of barbed wire fencing

Value \$ 250.00

and 17 acres of 3 year old deciduous fruit trees.

General Description.

The land embraced in this entry claim occupies an inclined mesa or tableland on the south side of the Mojave desert, at the base of the San Gabriel Mts. at an elevation of 4500 ft. and an average slope of 4° to the north.

The soil is of medium to coarse granitic loam, with a mixture of small angular stones and gravel. The cover on the uncleared land is chaparral with scattering juniper and yuccas.

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A deep arroyo with a stream of good water passes the land on the west side, in which, above the claim, a diversion dam has been constructed and water carried by cement conduit to the entry claim.

There are no mines or mining operations in this vicinity and from surface indications and general formation, it is believed that the land is strictly non-mineral.

The nearest Postoffice is Valyermo, 3 miles northeast. The nearest settlement is Little Rock, California, 10 miles to the northwest.

The use of wooden posts for corners on this entry survey, was necessary by reason of the absence of durable stones of proper dimensions, within a reasonable distance from the corners.

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Latitudes, Departures and Closing Errors					
Courses	Distances	Latitudes		Departures	
		N	S	E	W
N 0°30'W.	20.09	20.09			0.18
N 89°55'E	24.94	0.04		24.94	
S 0°30'E	20.09		20.09	0.18	
S 89°55'W.	14.97		0.02		14.97
S 0°03'W	5.00		5.00		
N 89°55'E	4.99	0.01		4.99	
S 0°03'W	10.00		10.00		0.01
N 89°55'E	4.98	0.01		4.98	
S 0°03'W	10.00		10.00		0.01
N 89°55'E	4.99	0.01		4.99	
S 0°03'W	10.00		10.00		0.01
S 89°55'W	4.98		0.01		4.98
S 0°03'W	5.00		5.00		
S 89°55'W	9.97		0.01		9.97
S 0°03'W	15.00		15.00		0.01
N 89°55'E	8.57	0.01		8.57	
S 0°03'W	4.78		4.78		
S 89°55'W	18.50		0.03		18.50
S 89°55'W	11.15		0.02		11.15
N 3°00'W	3.44	3.44			0.18
N 89°24'E	6.32	0.08		6.32	
N 0°03'E	4.90	4.90		0.01	
East	1.95			1.95	
N 0°18'W	7.56	7.56			0.04
N 39°00'W	3.48	2.70			2.19
N 0°23'W	2.29	2.29			0.02
S 89°28'E	5.29		0.05	5.29	
N 0°03'E	38.86	38.86		0.03	
	282.09	79.99	80.01	62.25	62.22
			79.99	62.22	

Error in Lat.

.02

.03

In Dep.

Error in Closure =
282.09 = 1.7838

/s/ Percy L. Day
National Forest Examiner,
Forest Service