

Orig. in Vault

C.S. 9443

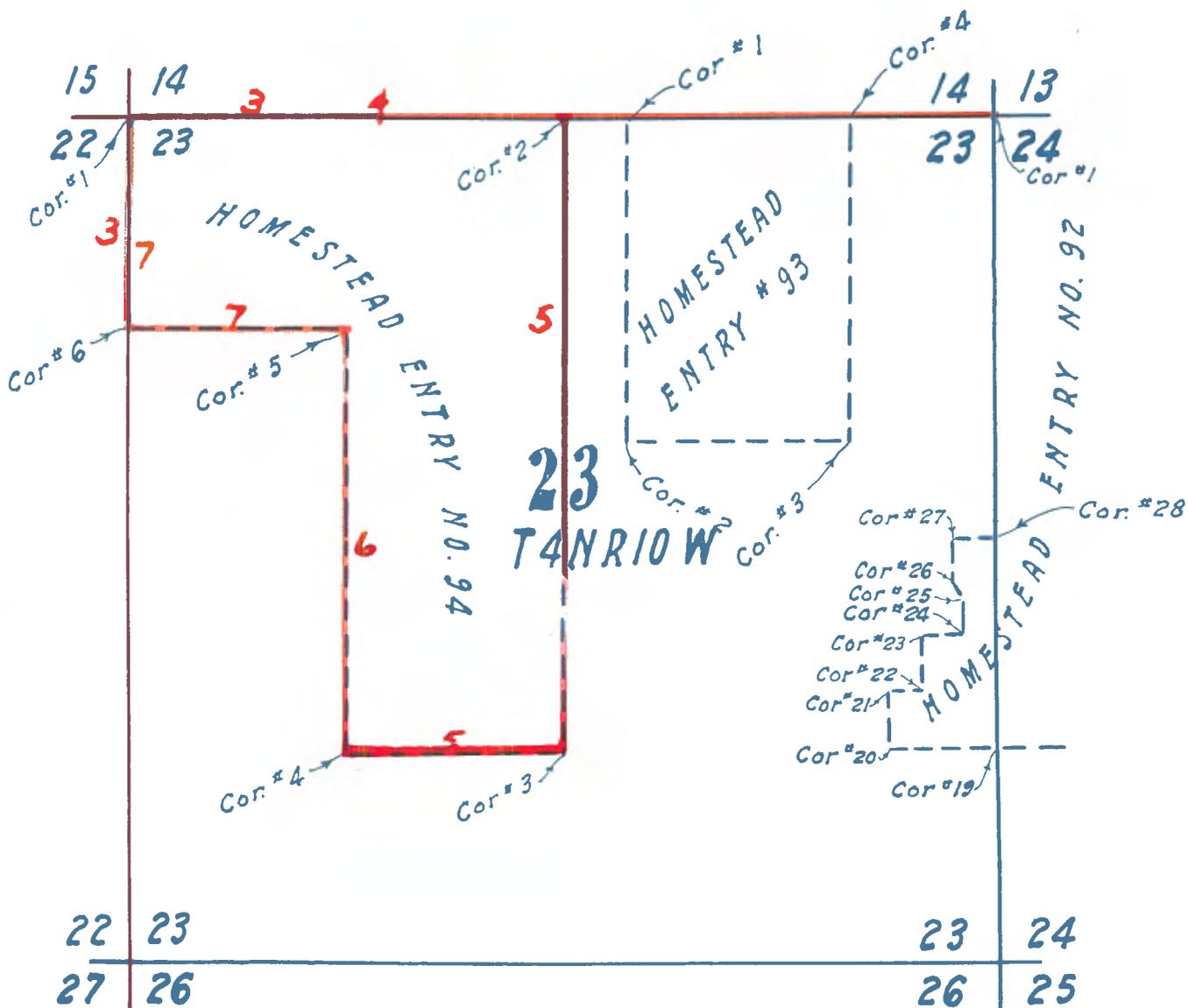
FIELD NOTES OF A SURVEY
OF
HOMESTEAD ENTRY NO. 94

IN

SEC. 23 T4N R10W

Survey Executed by Percy R. Day
May 1914

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HOMESTEAD ENTRY SURVEY NO. 94
ANGELES NATIONAL FOREST
CALIFORNIA

Chains

Applicant for listing, W. A. Leach; application No. 132, dated May 1, 1909, and I. J. Trim, application No. 162, dated October 24, 1909; list No. 5-106, dated July 13, 1909, and List No. 5-344, dated June 6, 1910. Special instructions dated March 6, 1914, for Homestead Entry Survey No. 94, situated in the Angeles National Forest, in surveyed section 23, (unapproved) Township 4 North, Range 10 West of the San Bernardino Base and Meridian, listed under the Act of June 11, 1906.

Survey commenced April 12, 1914, and executed with a W. & L. E. Curley 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 12, 1914, at the corner of secs. 14, 15, 22 and 23, T 4 N, R10W, S.B.M. in latitude $34^{\circ}25'N.$, longitude $117^{\circ}54'W.$, I set off $8^{\circ}36'N.$ on the decl. arc and at 12h. Om. 59s., p.m., l.m.t., observe the sun on the meridian. The resulting latitude is $34^{\circ}25'$.

At 4h. 15m. p.m., l.m.t., I set off $34^{\circ}25'$ on the lat. arc and $8^{\circ}41'N.$ 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 chains North of my station.

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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 chains north of my station.

Time of observation, Apr. 12, 1914 . . 6h.34.0m., p.m.l.m.t.

U.C. of Polaris, Apr. 12, 1914 . . 0h.08.0m., p.m.l.m.t.

Hour angle of Polaris at observation 6h.26.0m.

Azimuth of Polaris at observation 1°23'

April 12, 1914.

April 13, 1914; at 7h. 0m. A.M., I lay off the azimuth of Polaris 1°23' to the East and mark the true meridian by a nail driven in the same stake set for the solar observation of yesterday.

At 7h.20m., a.m., l.m.t., I set off 34°25' on the lat. arc and 8°55' 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 true meridian determined by Polaris I conclude that the instrument is in adjustment.

The magnetic bearing of the true meridian at 7h.20m., a.m. is N.15°55'W; the angle thus determined gives the mag. declination N. 15°55'E.

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

Commencing at the corner of secs. 14, 15, 22 and 23, which is a decayed oak stake 2 ins. dia., 1 ft. long, lying on a mound of earth, from which the stump is still visible, marked and witnessed as described by the Surveyor General.

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- Chains As this corner is nearly obliterated, to reestablish same, I set a juniper post 3 ft. long, 3 ins. sq., 2 ft. in the ground, for cor. of secs. 14, 15, 22 and 23 and cor. No. 1 of this survey, marked
- T 4.N S 14 on the NE,
S 23 1 H E S 94 on the SE.
R 10 W S 22 on the SW and
S 15 on the NW face and raise a mound of stone,
2 ft. base, $1\frac{1}{2}$ ft. high, S. 45° E., $3\frac{1}{2}$ ft. dist.,
- Thence I run,
East, on a random line between secs. 14 and 23,
Descend over rolling mesa along N. side of field, fence on line.
- 32.38 Road, from Oxby's to Little Rock, bears N. and S.
33.40 Leave mesa, bears N. and S., descend W. back of deep arroyo.
36.40 Cross rocky wash in arroyo, 250 lks. wide, course North.
38.90 East Bank of same.
39.38 Fall 6 lks. south of the witness $\frac{1}{4}$ sec. cor. between secs. 14 and 23, which is a juniper stake 2 ins. dia., 1 ft. above ground in a mound of stone 4 ft. base, 2 ft. high, marked W S $\frac{1}{4}$ S on the N. face.
Ascend steep E. bank of arroyo.
39.88 The true point for $\frac{1}{4}$ sec. cor. Set temp. stake.
Thence I run,
S. $89^{\circ}55'$ W. on a true line between Secs. 14 and 23.
0.50 The witness $\frac{1}{4}$ sec. post.
39.88 The corner of secs. 14, 15, 22 and 23.
-

- From the corner of secs. 14, 15, 22 and 23, previously described, I run, south on a random line between secs. 22 & 23.
Ascend sloping mesa, fence on line.
- 17.00 Ascend steep N. slope of long ridge.
36.00 Top of same, bears E. and W., descend to deep arroyo.

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Chains Ravine, in arroyo, 10 lks. wide, course East, ascend,
46.25 ✓
51.70 Fall 36 lks. east of the $\frac{1}{4}$ sec. cor. between secs. 22 and 23
which is an iron post, 2 ins. dia., 1 ft. above ground,
with a brass cap, marked and witnessed as described by the
Surveyor General.

Thence I run,

N. $0^{\circ}24'E.$, on a true line between secs. 22 and 23.

51.70 The corner of secs. 14, 15, 22 and 23.

No observations for latitude on account of cloudy weather.

Beginning at the corner of secs. 14, 15, 22 and 23, previous-
ly described, which is also corner No. 1 of this survey.

Thence I run,

N. $89^{\circ}55'E.$, descend over rolling mesa, wire fence on line.

32.38 Read from Oxby's Ranch to Little Rock, bears N. and S.

33.40 Leave mesa, bears N. and S., descend W. bank of deep arroyo.

36.40 West bank of rocky wash in arroyo, 250 lks. wide, course N.

38.90 East bank of same.

39.38 The witness $\frac{1}{4}$ sec. cor., ascend steep E. bank of arroyo.

39.88 Temp. stake at true point for $\frac{1}{4}$ sec. cor. and cor. No. 2 of
this survey. Set a granite stone, $2\frac{1}{2} \times 8 \times 8$ ins., $1\frac{1}{4}$ ins.
in the ground in a mound of stone, marked with a cross (x)
on top and $\frac{1}{4}$ S on N, and 2 H E S 94 on the S 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. from the corner.

Cor. No. 1 of H. E. Sur. No. 93, which is a granite stone
 $12 \times 10 \times 8$ ins. above ground, properly marked and witnessed
as described by my notes of H. E. Sur. No. 93, bears N.
 $89^{\circ}20'E.$, 4.96 chains by direct bearing.

April 13, 1914

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- April 14, 1914, at 7h.10m., a.m.l.m.t., I set off $34^{\circ}25'$ on the lat. arc and $9^{\circ}16'N.$ on the decl. arc and determine a meridian at cor. No. 2 of this survey.
- Thence I run,
- S. $0^{\circ}03'W.$, descend along E. bank of arroyo.
- 5.50 East bank of rocky wash in arroyo, 375 lks. wide, course N. $10^{\circ}W.$
- 9.25 West bank of same, ascend over low flat ridge.
- 15.50 Descend.
- 30.00 West bank of rocky wash in arroyo, with stream 5 lks. wide, course N. $15^{\circ}E.$
- Cor. No. 2 of H.E.Sur. No. 93, which is a granite stone 12x10x10 ins. above ground, properly marked and witnessed as described by my notes of H.E.Sur. No. 93, bears S. $87^{\circ}28'E.$, 4.99 chains, by direct bearing.
- 33.50 E. bank of arroyo, ascend steep rocky spur.
- 38.85 Top of spur, bears E. and W., descend along steep rocky slope.
- 60.20 Set a granite stone, 24x8x10 ins., 14 ins. in the ground for cor. No. 3 of this survey, marked with a cross(x) on top and 3 H E S 94 on the NW face; 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 the corner, from which:
- A pinyon, 10 ins. dia., bears N. $22^{\circ}30'W.$, 60 lks. dist. marked 3 H E S 94 B T.
- No other bearing objects available.
-

Thence I run,

- S. $89^{\circ}55'W.$, descend steep rocky bank of arroyo.
- 4.10 Cross stream, 6 lks. wide, course North and ascend.
- 8.00 Top of W. bank, enter sloping mesa, bears N. and S.
- 11.30 Ascend steep E. face of spur, bears NE and SW.
- 19.94 Set a juniper post, 3 ft. long, 4 ins. dia., 2 ft. in the ground for cor. No. 4, of this survey, marked 4 H E S

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Chains 94 on the NE face and raise a mound of stone, 2 ft. base,
1½ ft. high, N.45°E., 3½ ft. dist. from the cor.
No bearing objects available.

Thence I run,

N. 0°03'E. along E. slope of spur.

6.15 Top of spur, bears NE and SW, descend.
13.00 Leave slope, enter flat, bears E. and W.
15.80 NW cor. of entryman's house, bears S.88°E., 7.20 chains.
SW cor of entryman's house, bears N.45°E., 1.10 chains.
SE co. of entryman's barn, bears N.10°40'E., 2.00 chains.
22.00 Rocky arroyo, 150 lks. wide, course NE, ascend spur.
28.15 Top of spur, bears E. and W., descend.
39.00 Wire fence, bears E. and W.
40.20 Set a juniper post, 3 ft. long, 4 ins. sq., 2 ft. in the
ground for cor. No. 5 of this survey, marked 5 H E S 94
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.

At the above corner, I set off 9°20'N. on the decl. arc and
at 12h. Om.28s. p.m., l.m.t., observe the sun on the meridian.
The resulting latitude in 34°25'.

Thence I run,

S. 89°55'W., ascend along N. slope of high steep ridge.

0.50 Wire fence, bears N. and S., enter dense brush.
19.90 Wire fence, bears N. and S.
19.95 Intersect the line between secs. 22 and 23 at a point N.
0°24'E., 31.80 chains from the ¼ sec. cor. bet. secs. 22 and 23.
At the point of intersection I set a pine post, 3 ft. long,
4 ins. sq., 2 ft. in the ground, for closing cor. and cor.
No. 6 of this survey, marked C C on the E. and 6 H E S 94

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Chains 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. dist. from the corner, from which:
A yucca, 14 ins. dia., bears S. $79^{\circ}E.$, 70 lks. dist.,
marked C C 6 H E S 94 B T.
No other bearings available.

Thence I run,

N. $0^{\circ}24'E.$, descend sloping mesa, through dense brush,
between secs. 22 and 23.

19.90 To cor. No. 1, the point of beginning.

April 14, 1914.

Area of Homestead Entry Survey No. 94. . . 159.94 acres.

Improvements.

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

A frame house, 12 ft. wide, and 24 ft. long, the NW cor. of which bears from point on line 4-5, 15.80 chs. from cor. No. 4, S. $88^{\circ}E.$, 7.20 chains, course of long sides E and W. Value \$100.00

A tar-paper house, 10 ft. wide and 30 ft. long, the SW cor. of which bears from point on line 4-5, 15.80 chs. from cor. No. 4, N. $45^{\circ}E.$, 1.10 chains, course of long sides E. and W. Value \$ 75.00

A barn 20 ft. wide and 100 ft. long, the SE cor. of which bears from point on line 4-5, 15.80 chs. from cor. N. 4, N. $10^{\circ}40'E.$, 2.00 chs., course of long sides N. and S. Value \$200.00

In addition to the above improvements, there are: $1\frac{1}{2}$ miles of iron water pipe of various sizes.

Value \$2000.00