U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

HOMESTEAD ENTRY SURVEY NO. 592

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 9, un-surveyed, Township 4 N., Range 30 E.

In Section 16, un-surveyed, Township 4 N., Range 30 E.

of the GILA AND SALT RIVER BASS AND \(\overline{\text{Meridian}}\),

State of ARIZONA

Applicant for listing: Ernest Jackson,
Residence: Espero, Arizona
Application No.: 306, dated November 8, 1913
List No.: 2-2224, dated July 7, 1914

Applicant for survey: Walter Chorn,
Residence: Espero, Arizona
H. E. No.: 036235, dated October 11, 1917

Land Office: Phoenix, Arizona

Survey executed by Thomas F. Myers, Surveyor - Forest Service
Under special instructions dated May 14, 1919
Survey commenced: June 6, 1920
Survey completed: June 9, 1920

OATH OF ASSISTANTS

We hereby certify that we assisted Thomas F. Myers, Surveyor - Forest Service in surveying all those parts or portions of Homestead Entry Survey No. 592, in the State of ARIZONA which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for ARIZONA.

Note: It would have been very expensive and inconvenient to appear before an officer to administer Oaths to Assistants; hence they were taken by the Surveyor.

Subscribed and sworn to before me this 9th day of June, 1921.

Thomas J. Myers
Surveyor, Forest Service

OATH OF SURVEYOR

I, Thomas F. Myers, Surveyor - Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for ARIZONA, dated May 14, 1919, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in List Patent No. 3-2224, dated July 7, 1914, for Patent under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 592, situated within the APACHE National Forest, in un-surveyed Section 9, Township 4 N., Range 30 E., and un-surveyed Section 16, Township 4 N., Range 30 E., of the GILA and SALT RIVER BASE & meridian, ARIZONA, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

Subscribed and sworn to before me this 6th day of April, 1922.

Ethel M. Myers
Notary Public

My Comm. expires April 12, 1925.
Chains


The changes made in this survey are in accordance with the desires of the entryman. Copy of a signed statement from him agreeing to the survey, is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 14, 1919, and designated as Homestead Entry Survey No. 592.

Situated in what will probably be when surveyed, Secs. 9 and 16, T. 4 N., R. 30 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona.


Survey commenced June 8, 1921, and executed with a Buff and Buff transit No. 10530, equipped with Smith Solar attachment.

I test the adjustments of the transit and make necessary corrections.

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

June 8, 1921.

At my station near Cor. No. 1 of this survey, in
<table>
<thead>
<tr>
<th>Chains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lat. 32°41'48&quot; N., Long. 109°14'54&quot; W., from Forest Service Base Map; at 7h. 33m. 30s. p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of 0°14' from star to right to reference mark, a tack in a stake set firmly in the ground 5 chains northwardly of my station.</td>
</tr>
<tr>
<td>Greenwich m.t. U. C. Polaris, June 8, 1921, 8h 37.6m a.m.</td>
</tr>
<tr>
<td>l.m.t. U. C. Polaris, June 8, 1921, 8h 26.4m a.m.</td>
</tr>
<tr>
<td>l.m.t. obsn. Polaris, June 8, 1921, 7h 25.5m p.m.</td>
</tr>
<tr>
<td>Hour angle</td>
</tr>
</tbody>
</table>

Azimuth of Polaris: 0°17.6' W.
Bearing of reference mark: N. 0°02.6' W.

At the same station at 7h. 37m. 43s. p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of 0°13' from star to right to same reference mark.

l.m.t. U. C. Polaris, June 8, 1921, 8h 26.4m a.m.
l.m.t. obsn. Polaris, June 8, 1921, 7h 37.7m p.m.
Hour angle | 11h 11.3m |

Azimuth of Polaris: 0°16.1' W.
Bearing of reference mark: N. 0°06.1' W.

Mean bearing of reference mark is N. 0°05.21' W.
I accept bearing of reference mark as N. 0°05' W.
and from the corresponding meridian all courses of
this survey were deflected by sustained angulation.       June 9, 1921.

<table>
<thead>
<tr>
<th>CHAINS</th>
</tr>
</thead>
</table>

June 9, 1921.

Beginning at Cor. No. 1.

Identical with Cor. No. 2 of RES 506, a lava stone
22 x 6 x 10 ins. above ground, marked + on top and 2 RES
506 on W. face, with mound of stone W. of Cor. I
Chisel same stone 1 RES 592 on S. face and raise a
mound of stone 2 ft. base 1-1/2 ft. high S. of Cor.,
whence:

A pine 16 ins. dia. brs. N. 71°39' E. 164 lks.
A pine 14 ins. dia. brs. N. 29°33' E. 161 lks.
Each blazed and scribed 2 RES 506 + BT.
I add 1 RES 592 in blaze on each tree.
USIM 504 RES. a lava bluff 6 x 6 x 8 ft. above ground
marked + USIM 504 RES on top with mound of stone
11 ft. base 9 ft. high W. of Monument, bears.
N. 44°24' W. 60.10 obs. by traverse which ap-
ppears at the end of these notes.

Lat. 32°41'48" N., Long 109°14'54" W., from Forest
Service Base Map.

Mag. decl. at 8 a.m. 13°40' E. Mean Mag. decl. 13°36'E.

Thence S. 47°40' E.

Over rolling rocky SW. slope.

.80 Fence bears NW. and SE.

.90 Cor. fence bears S. 5 lks. Fence bear N. 30°30' W.

and S. 65° W. and SE.

2.00 Arroyo 10 lks. wide, 2 ft deep, Course SW.

29.00 Beaver Creek 30 lks. wide, banks 1 ft. high (dry)

Course S. 70° W.
Chains
29.36

To Cor. No. 2.

Identical with Cor. H/3 of the list survey, which is a malpais stone 6x12x14 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 2x6x8 ins. marked with a + 16 ins in the ground, over which set a malpais stone 26x7x12 ins. chiseled, for the point and 2 HES 592 on W. face; raise a mound of stone 3 ft. base 2 ft. high W. of Cor., whence:

A pine 20 ins. dia. hrs. S. 56°22' E. 192 lks.

A pine 19 ins. dia. hrs. N. 72°23' E. 70 lks.

Each blazed and scribed 2 HES 592 + BT.

Thence S. 49°16' W.

Over open rolling land.

1.50 Fence, bears N. 50°E. and S. 50°W.

4.20 Arroyo 16 lks. wide 3 ft. deep, course NW.

5.20 Fence, bears S. 36°W. and N. 36°E.

5.30 Arroyo 12 lks. wide 4 ft. deep, course NW.

11.10 Hannigan-Blue River Trail bears NW. and SE. Ascend gradually 20 ft. over NW. slope. OP.

16.54 To Cor. No. 3.

Deposit a malpais stone 2x4x6 ins. marked with a + 14 ins in the ground, over which set a malpais stone 24x10x10 ins., chiseled, for the point and 3 HES 592 on NW. face; raise a mound of stone 3 ft. base 2 ft. high NW. of Cor., whence:

A pine 19 ins. dia. hrs. S. 29°50' W. 102 lks.


Each blazed and scribed 3 HES 592 + BT.
Thence S. 50°21' W.

Descend 20 ft. over NW. slope.

23.30
Hannigan Creek, running water 2 lks. wide 1 in. deep, Course N. 15° E.

27.22
Fence, bears N. 60° W. and S. 60° E.

27.25
To Cor. No. 4.

Deposit a malpais stone 4x5x6 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 27x8x17 ins., chiseled + for the point and 4 HES 592 on N. face; raise a mound of stone 3 ft. base 2 ft. high N. of Cor., whence;

A pine 15 ins. dia. brs. S. 27°28' W. 52 lks.
A pine 32 ins. dia. brs. S. 24°14' E. 76 lks.
Each blasted and scribed 4 HES 592 + BT.
Cor. H/2 of the list survey, a malpais stone 14x4x10 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 46°00' E. 7.10 chs. dist. I destroy all trace of this list Cor.

Thence N. 25°30' W.

Over open gently rolling land.

.10
Fence bears N. 60° W. and S. 60° E.

1.60
Fence bears N. 50° E. and S. 50° W.

28.20
Fence bears NE. and SW.

28.26
To Cor. No. 5, on line 2-3 of HES 505.

Deposit a malpais stone 4x6x6 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x18x18 ins., chiseled + for the point and 5 HES 592 on E. face; raise a mound of stone 3 ft. base 2 ft. high E. of Cor.

No witnesses available, pits impracticable.

Cor. No. 3 of HES 505, (also point for Cor. H/1 of list survey) which is a lava stone 10x10x10
Chains

ins. above ground, marked on top and 3 HES 505

on N. face, bears S. 46° 21' W. 11.69 chs. dist. by
direct measurement. Cor. H/1 of list survey, a lava
stone 6 x 4 x 10 ins., marked and witnessed as described
by the Forest Service, was setting alongside of Cor.
N3 HES. 505. I destroy all evidence of list Cor.

Thence N. 46° 21' E.

Over open rolling land. Fence inside of line.

9.20 Arroyo 10 lks. wide 2 ft. deep., course N. 60° E.

25.25 Left bank Beaver Creek 2 ft. high.

27.50 Beaver Creek running water 5 lks. wide, 2 ins deep,
Course NW.

28.90 Right bank Beaver Creek 3 ft. high.

31.80 Hannigan-Blue River Trail, bears NW and SE.

32.87 To Cor. No. 1 and place of beginning.

AREA

Total Area - - - - - - - - - - - - - 109.06 A.

IMPROVEMENTS

The improvements made upon and for the benefit of this
claim and belonging to the claimant herein consist of
the following:

A log-house 16 x 30 ft., the long sides extending NE. and
SW., the S. cor. of which bears N. 26° 17' E. 3.70 chs.
from Cor. No. 4.

Value - - - - - - - - - - - - - - - - - - - - - $250.00

About 2 miles of wire fencing, mostly on the outside of
claim.

Value - - - - - - - - - - - - - - - - - - - - - $200.00
Chains

DESCRIPTION

The claim lies at the junction of Hannigan and Beaver Creeks and is comprised mainly of bottom land along the creeks. About 80% of the area is suitable for agricultural purposes. The soil is a dark loam of good depth and very fertile. The rainfall is depended upon to grow crops. Water for domestic use is obtained from Hannigan Creek which traverses the SE. portion of the claim.

There is no timber of commercial value on the claim.

I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is adjoined on the NW. by HES 505. HES No. 597, surveyed by me on June 12, 1921, lies about 3/4 mile to SE. HES 595, surveyed by me on June 14, 1921, lies about 1 mile to East.

HES 593, surveyed by me on June 7, 1921, lies about 1-1/2 miles to NW.

Bespero, Arizona, postoffice, lies about 2 miles to NW.

Alpine, Arizona, the nearest settlement and trading point, lies about 17 miles to NE. and is reached by trail.

Springerville, Arizona, the general trading point for this section of the country, lies about 38 miles dist. in a northerly direction and is reached by fair wagon road.

TRAVERSES

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<tr>
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<th>Dist.</th>
<th>N.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
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<td>S. 49° 16' W.</td>
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<td>S. 50° 21' W.</td>
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<td>N. 25° 20' W.</td>
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Error in Lat. & Dep. 02

Closing Error 1/2601
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<th>S.</th>
<th>E.</th>
<th>W.</th>
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<td>N. 87°15'W.</td>
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<td>N. 8°25'O'W.</td>
<td>7.70</td>
<td>6.97</td>
<td>3.26'</td>
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<td>N. 8°43'W.</td>
<td>6.11</td>
<td>6.04'</td>
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<td>.94'</td>
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</table>

Resultant Course N. 44°24' W. 60.10 chs.

Survey completed June 9, 1921.

Surveyor - Forest Service.
June 3, 1922.

I, Walter Thorn, hereby agree to the survey of my homestead, No. 592, as completed on the Ninth day of June, 1921, by Forest Service Surveyor Thomas F. Myers; and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry, I will apply for amendment of the same to conform with said survey.

The changes made by the surveyor are: Area cut on West to make 109 acres.

(Sgd.) Walter Thorn,
Claimant.

(Sgd.) W. C. Martin,
Witness.
<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
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<td>NORTH</td>
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<td>3 - 4</td>
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<td>4 - 5</td>
<td>N. 25°30' W.</td>
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<td>25.51</td>
<td>12.17</td>
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<td>5 - 1</td>
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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, July 20, 1922

The foregoing field notes of Homestead Entry Survey No. 592

executed by Thomas F. Myers, Surveyor

under his special instructions, dated May 14, 1919, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of Arizona, has been
correctly copied from the original notes on file in this office.

Frank F. Trott
U. S. Surveyor General.