U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 600

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 11, unsurveyed, Township 2 N., Range 30 E.
In Section 4, unsurveyed, Township 3 N., Range 30 E.

of the
Gila & Salt River Base and Meridian.
State of
Arizona

Applicant for listing: Roy N. Snyder
Residence

Application No. 310, dated March 23, 1913
List No. 3-5364, dated August 10, 1914

Applicant for survey: John Cooper
Residence: Blue, Arizona

H. E. No. 061032, dated September 8, 1916
Land Office: Phoenix, Arizona

Survey executed by L. R. Harper, Surveyor, Forest Service
Under special instructions dated May 14, 1919
Survey commenced May 14, 1919
Survey completed May 18, 1919
Under Acts of June 11, 1906 and July 24, 1919
OATH OF ASSISTANTS

We hereby certify that we assisted, Samuel R. Mercer, in surveying all those parts or portions of Homestead Entry Survey No. 600, 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 have appeared before an officer to administer oaths to assistants; hence, they were taken by the surveyor.

Subscribed and sworn to before me this eighteenth day of May, 1920.

Samuel R. Mercer
Surveyor, Forest Service

OATH OF SURVEYOR

1. Samuel R. Mercer, Surveyor, Forest Service

de 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 No. 3-3264, dated August 10, 1914, for Patent under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 600, situated within the Apache National Forest, in Gila & 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

Subscribed and sworn to before me this day of December, 1921.

[Signature]

[Seal]
HOMESTEAD ENTRY SURVEY NO. 600

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains


Situated in what will probably be when surveyed Sec. 11 & 2, T. 2 N., R. 30 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona.

Surveyed under the Act of June 11, 1906, and July 24, 1919.

Survey commenced May 14, 1920, and executed with a suff and suff transit No. 10019, 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.

May 14, 1920.

At my station which is identical with Corr. No. 1 of this survey, hereinafter described, in Lat. 33°32'N., Long. 109°12'47" W. from Forest Service Base map, at 5h. 50m. P.M. I, m.t., 1 observe Polaris with telescope direct reading an angle of 141°57' from star to right to a reference mark about 3 miles dist.

Greenwich m.t. U. G. Polaris, May 14, 1920, 10h. 03.4m. a.m.


1.2

L.m.t. U.G. Polaris May 14, 1920, 10h. 02.8m a.m.

L.m.t. obs. Polaris May 14, 1920, 5h. 50m m.m.

Hour angle

7th. 47.2m.

Azimuth of Polaris 1°11'30" W.

Bearing of reference mark S. 39°14'30" E.
### Chains

At the same station at 5h. 51m. p.m. 1.m.t. I again observe Polaris with telescope reversed reading an angle of 141°56' from star to same reference mark. 

1.m.t. U.C. Polaris May 14, 1920, 10h. 02.0m. a.m. 

1.m.t. obsn. Polaris May 14, 1920, 5h. 51m. p.m. 

Hour angle 

Th. 48.2m. 

Azimuth of Polaris 1°11'18"W. 

Bearing of reference mark S. 39°15'18"E. 

The mean bearing of reference mark as determined from the two obsns. is S. 39°14'51"E. 

I accept bearing of S.39°15'18"E for bearing of reference mark and to the corresponding meridian all the courses of this survey were referred by sustained angulation. 

May 14, 1920.

### Boundaries of Claim

May 15, 1920.

Beginning at Cor. No. 1. 

Identical with Cor. n/3 of the 1st survey a malpais stone 16x10x6 ins. above ground marked and witnessed as described by the forest service. I destroy all trace of same.

Deposit a malpais stone 6x4x4 ins. marked with +18 ins. in ground over which set a malpais stone 23x12x9 ins. chiseled + for the point and 1 HMS 500 on N. face; raise a mound of stone 2 ft. base 1' ft. high N. of Cor. whence:

A pinon 14 ins. dia. brs. S. 17°23'W. 10 lks. dist. 

A cedar 10 ins. dia. brs. S. 57°40'E. 7 lks. dist. 

Each blazed and scribed 1 HMS + 500 E. T.

Cor. Secs. 11, 12, 13 and 14, T. 2 n., R. 30 E., a malpais stone 20x12x11 ins. set in mound of stone, marked and witnessed as described by the surveyor general, bears S. 16°28'E. 63.49 chs. dist. by direct measurement. 

Lat. 33°32'N. Long. 109°12'47"W. from forest service.
Chains

Mag. decl. at 8 a.m. is 13°07' E. Mean Mag. decl. 13°04' E.

Thence N. 14°45' E.

Desc. 42 ft. over steep NW. slope thru dense scrub oak and box elder.

1.50 Foot of slope thence over bottom land

2.10 Road bears NW. and SE.

3.25 K.P. Creek, 20 lbs. wide 1-1/2 ft. deep course SE.

7.10 Leave bottom land, asc. 120 ft. over S. slope

11.60 Top asc. on spur ridge brs. W. Fence bears E. and W.

16.60 Cor. No. 2.

Identical with Cor. N/2 of the 1st survey, a malpais stone 16 x 14 x 8 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of same.

Deposit a malpais stone 6 x 6 x 5 ins. marked with a +20 ins. in ground over which set a malpais stone 30 x 15 x 12 ins. chiseled + for the point and 2 HES 600 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. High SW. of Cor.

A pinon 10 ins. dia. brs. N. 35°E. 16 lbs. dist.

A pinon 12 ins. dia. brs. S. 44°18'W. 19 lbs. dist.

Each blazed and scribed 2 HES + 600 B T.

Thence N. 53°05' W.

Desc. 86 ft. over rolling rocky SW. slope thru scattering live oak.

3.78 Arroyo 5 lks. wide 2 ft. deep, course SW. Asc. 58 ft.

7.95 Spur brs. SW. desc. 46 ft. to arroyo.

12.68 Fence, brs. N. & S.

13.48 Same fence brs. N. 20°E. & S. 20°W.

17.00 Arroyo 5 lks. wide 3 ft. deep course SW. Bottom desc. Asc. 100 ft.
Chains

24.00 Spur brs. SW. Top asc. desc. gradually
28.15 To Cor. No. 3.

Identical with Cor. H/1 of the list survey, a malpais stone 14 x 4 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of same.

Deposit a malpais stone 6 x 6 x 6 ins. marked with a + 16 ins. in ground over which set a malpais stone 26 x 14 x 12 ins. chiseled + for the point and 3 HES 600 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of cor. whence.

+ 3 HES 600 ER chiseled on a lava rock ledge showing 96 x 72 x 60 ins. above ground, brs. N. 25° 00'E. 27 lks. dist.

No other witnesses available.

Thence S. 57° 15'E.

Desc. 63 ft. over steep SW. slope
2.52 K.P. Creek, 20 lks. wide 2 ft. deep. Course SE. Thence over bottom land.
6.10 Leave bottom land, Asc. 20 ft. over NE. slope thru dense brush
6.78 To Cor. No. 4.

Identical with Cor. H/4 of the list survey, a malpais stone 20 x 14 x 10 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of same.

Deposit a malpais stone 5 x 4 x 3 ins. marked with a + 18 ins. in ground over which set a malpais stone 28 x 16 x 4 ins. chiseled + for the point and 4 HES 600 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor.

A scrub oak 8 ins. dia. brs. N. 87° 58'E. 79 lks. dist.

A scrub oak 8 ins. dia. brs. N. 26° 45'E. 31 lks. dist.
HOME STEAD ENTRY SURVEY NO. 600
APACHE NATIONAL FOREST
STATE OF ARIZONA

Chains: Each blazed and scribed 4 HES + 600 B T.

Thence S. 39°06' E. Desc. 25 ft. over NE. slope thru dense undergrowth
2.50 Bottom desc. Asc. 100 ft. over W. slope
10.00 Spur. bears NE. Desc. 116 ft. over E. slope
15.95 Arroyo 15 lks. wide, 10 ft. deep course NE.

Bottom desc. Asc. 130 ft. over N. slope
23.20 Spur brs. N. Top asc. Desc. 52 ft. over NE. slope
30.04 Arroyo 5 lks. wide 3 ft. deep course N. Asc. 84 ft. over
NW. slope.
37.89 To Cor. No. 1, the point of beginning.

AREA
Total Area 34.40 acres

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

A frame house 30 x 21 ft. the long sides extending NE. & Sw. the NE. cor. of which brs. from Cor. No. 2 N. 72°14' W. 18.32 chs. dist.
Value
Approximately 1 mile of fencing
Value $50.00

DESCRIPTION
This claim lies along KP. Creek about 1/2 mile NW. of its junction with the Blue River. The tract is comprised mainly of bottom land which is at present covered with a heavy growth of willow, box elder and walnut. Approximately 80% of the area if cleared is suitable for agricultural purposes of which about 6 acres are under cultivation at the present time. The soil on the bottom land is a rich black loam of good depth.
Chains and very fertile. The hillsides are rocky and fit for grazing only.

Water for all purposes is obtained from K.R. Creek which traverses the claim from NW. to SE.  

There is no timber of commercial value on the claim.  

I saw no evidence of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims. H.E. 491 about 1/2 mile NE.  

Blue, Arizona, the nearest post office is about 8 miles dist. in a northeasterly direction.  

Alpine, Arizona, the nearest trading point and settlement lies about 20 miles in a northerly direction.

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<th>Course</th>
<th>Dist.</th>
<th>N.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
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Survey completed May 15, 1920

[Signature]

Surveyor, Forest Service.
TABLED AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 600, STATE OF ARIZONA

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<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
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<th>S. AREAS</th>
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Error in Lat. & Dept. 11

Closing error 1/688

34.40 acres...
APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona, January 25, 1922

The foregoing field notes of Homestead Entry Survey No.

600

executed by L. R. Mercer, 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.

[Signature]
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 P. TROTT
U. S. Surveyor General.