U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY
SURVEY NO. 627

SITUATED IN THE

CROCKETT
NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 7, un-surveyed, Township 11 S., Range 25 E.

In Section 8, un-surveyed, Township 11 S., Range 25 E.

of the

Gila and Salt River Base and Meridian.

State of

Arizona.

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Applicant for listing: N. A. Ross,
Residence: Wilcox, Ariz.
Application No.: 129, dated February 26, 1910.
List No.: 5-1724, dated January 30, 1912.

Applicant for survey: Mark A. Cook
Residence: Wilcox, Arizona.
H. E. No.: 032342, dated February 23, 1917.
Land Office: Phoenix, Arizona.

Survey executed by: Thomas F. Myers, Surveyor, Forest Service.
Under special instructions dated July 21, 1919.
Survey commenced: May 23.
Survey completed: May 23.

OATH OF ASSISTANTS

We hereby certify that we assisted

Surveyor - Forest Service

Thomas F. Myers,
in surveying all those

parts or portions of Homestead Entry Survey No. 627, 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 estab-
lished, according to the instructions furnished by the United States
Surveyor General for Arizona.

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

[Signature]
Chairman.

Subscribed and sworn to before me this 23rd day of
May, 1923.

[Signature]
Surveyor - Forest Service.

OATH OF SURVEYOR

1. Thomas F. Myers, Surveyor - Forest Service,

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for Arizona, dated
July 21, 1922, 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. 5-1724, dated January 30, 1912, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 627,
situated within the Crock National Forest, in
un-surveyed Section 7, Township 11 S., Range 25 E., and
un-surveyed Section 8, Township 11 S., Range 25 E.,

of the Gila & Salt River Base and 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

[Signature]
Surveyor - Forest Service.

Subscribed and sworn to before me this 12th day of
November, 1923.

[Signature]
Notary Public.

By commission expires April 12, 1925.
Applicant for listing, N. A. Rose; Application No. 139, dated February 25, 1910; List No. 3-1724, dated January 20, 1912; H. E. 052642, made in the Phoenix Land Office on February 23, 1917, by Mark A. Cook.
Surveyed under special instructions from the Surveyor General for Arizona, dated July 21, 1922, and designated as Homestead Entry Survey No. 627.
Situated in what will probably be when surveyed Secs. 7 and 8, T. 11 S., R. 25 E., Gila and Salt River Base and Meridian, Crook National Forest, Arizona.
Surveyed under the acts of June 11, 1906, and May 11, 1922.

Survey commenced May 23, 1923, and executed with a Buff and Buff transit No. 14631, 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 400 link steel tape. The slope angles were determined with a clinometer.

May 23, 1923.
At my station near Cor. No. 2 of this survey in Lat. 32° 29' 24" N., Long. 109° 49' 23" W. from Forest Service Base Map, at 6h. 34m. 56s. p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of 0° 51' from star to right to reference mark, a stake driven in the ground 10 chs. northwardly of station.
Greenwich m.t. U. C. Polaris, May 23, 9h 33.1m a.m.

Corr for Long.

l.m.t. U. C. Polaris, May 23, 1923, 9h 31.9m a.m.
l.m.t. Obsn. Polaris, May 23, 1923, 6h 54.9m p.m.

Hour angle 9h 02. m
<table>
<thead>
<tr>
<th>Chains</th>
<th>Azimuth of Polaris 0°54'30&quot; W.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bearing of Reference Mark N.0°02.5' W.</td>
</tr>
<tr>
<td>At same station at 7h. 09m. 12s. p.m. 1.m.t., I again observe Polaris with telescope reversed, reading an angle of 0°47'30&quot; from star to right to same reference mark.</td>
<td></td>
</tr>
<tr>
<td>1.m.t. U. C. Polaris, May 23, 1922, 9h 31.9m a.m.</td>
<td></td>
</tr>
<tr>
<td>1.m.t. obsn. Polaris, May 23, 1922, 6h 50.2m p.m.</td>
<td></td>
</tr>
<tr>
<td>Hour angle 9h 18.3m</td>
<td></td>
</tr>
<tr>
<td>Azimuth of Polaris 0°52.5' W.</td>
<td></td>
</tr>
<tr>
<td>Bearing of Reference mark N.0°02.0' W.</td>
<td></td>
</tr>
</tbody>
</table>

The bearing of reference mark as determined from the mean of the two obsn. is N. 0°03'09" W. I accept mean bearing of reference mark as N. 0°03' W., and from the corresponding meridian all courses of this survey were deflected by sustained angulation.

May 23, 1922.

<table>
<thead>
<tr>
<th>BOUNDARIES OF CLAIM</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 24, 1922.</td>
</tr>
<tr>
<td>Beginning at Cor. No. 1.</td>
</tr>
<tr>
<td>Deposit a granite stone 4x5x8 ins., 20 ins. in ground, marked with a +, over which set a granite stone 30x12x12 ins., chiseled + on top and 1 HES 627 on SE. face; raise a mound of stone 3 ft. base, 2 ft. high SE. of Cor.</td>
</tr>
<tr>
<td>No witnesses available, pits immeasurable.</td>
</tr>
<tr>
<td>Cor. E/2 of the 1st survey, a granite stone 14x9x20 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 82°00' W. 174 lbs. I destroy all trace of this 1st Cor.</td>
</tr>
<tr>
<td>The 1/4 Cor. between Secs. 7 and 12, T. 11 S., Rs. 24 and 25 E., an iron post 1 in. dia. 10 ins. above ground, with brass cap, marked</td>
</tr>
</tbody>
</table>
and witnessed as described by the Surveyor General, bears S. 68°51' W. 60.49 chs. by direct measurement.

Lat. 32°29'33" N., Long. 109°49'46" W. from Forest Service Base Map.

Mag. decl. at 8 a.m. is 14°06' E., mean mag. decl. 14°02' E.

Thence S. 69°31' E.

Over rolling mesa land through scattering mesquite.

3.99 Wash 12 lks. wide, 1 ft. deep, course South.

11.00 Wash 300 lks. wide, 5 ft. deep, course SW.

22.50 Fence bears NW. and SE.

20.22 To Cor. No. 2.

Identical with Cor. 2/1 of the list survey, a grey granite stone 6x5x12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit blue granite 2x6x8 ins. 14 ins. in ground, marked with a +, over which set grey granite stone 24x10x10 ins., chiseled + 'for the point and 2 HES 627 on SW. face; dig pits 18x18x12 ins. crosswise on this and succeeding course 3-1/2 ft. distant and raise a mound of stone 3 ft. base 1-1/2 ft. high SW. of Cor.; whence:

A black walnut 11 ins. dia. brs. S. 10°36' E.

416 lks., blazed and scribed 2 HES 627 + BT.

No witnesses available.

Thence S. 0°46' E.

Descend 20 ft. over rocky S. slope through scattering mesquite.

4.42 Arroyo in Hayes Canyon 45 lks. wide, 4 ft. deep, course WSW., thence across sandy bed of canyon.

8.22 Arroyo 20 lks. wide, 2 ft. deep, course SW. Bottom of descent. Ascend 12 ft. over NW. slope through
<table>
<thead>
<tr>
<th>Chains</th>
<th>Scattering mesquite.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.81</td>
<td>Fence bears NE. and SW.</td>
</tr>
<tr>
<td>8.90</td>
<td>Trail bears NE. and SW.</td>
</tr>
<tr>
<td>10.50</td>
<td>To Cor. No. 2.</td>
</tr>
</tbody>
</table>

Identical with Cor. H/2 of List survey, a grey granite stone 10x6x6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a porphyry stone 5x8x10 ins. 24 ins. in ground, marked with + over which set a porphyry stone 28x10x12 ins., chiseled + on top and 2 HES 627 on NW. face; raise mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

A black walnut 14 ins. dia. brs. N. 68°40' W. 278 lbs., blazed and scribed 2 HES 627 + BT.

Thence N. 69°24' W.

Over gently rolling land.

1.55 Trail bears NE. and SW.

1.65 Fence bears NE. and SW.

2.05 Fence bears N. and S.

2.75 Left bank of arroyo in Hayes Canyon, 6 ft. deep, bears SW. Thence down sandy bed of arroyo.

3.30 Trail bears NW. and SE.

2.90 Left bank of same arroyo, bears NW.

Thence across foot of rocky N. slope

6.00 Fence bears N. and S. Thence over bottom land.

7.80 Left bank same arroyo from ENE. Course W., thence down sandy bed of arroyo.

11.20 Left bank of same arroyo from E. Course NW.

15.75 Middle of same arroyo in Hayes Canyon, 50 lks. wide, 3 ft. deep, course SW.

16.30 Road bears NE. and SW.

18.40 Middle same arroyo, 50 lks. wide, 3 ft. deep from ESE. Course NW.

16.50 Road bears E. 50°00' W. and S. 60°00' E.

19.20 Road bears SW. and NE.
Chains

19.30 Fence bears NW. and SE.
29.59 Middle of arroyo in Hayes Canyon 60 lks. wide, 3 ft. deep, course SW.
30.24 To Cor. No. 4.

Deposit a granite stone 2x8x10 ins. 24 ins. in ground, marked with a + over which set a sandstone 30x24x12 ins. chiseled + on top and 4 HES 627 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A black oak 16 ins. dia. hrs. S. 46°20' W. 121 lks.
A black walnut 20 ins. dia. hrs. N. 70°55' E. 226 lks.

Each blazed and scribed 4 HES 627 + B1.

Cor. H/3 of the first survey, a gray granite stone 12x24x18 ins. above ground in forks of desert willow tree, marked and witnessed as described by the Forest Service, bears S. 6°00' W. 12 lks. dist. I destroy all trace of this first survey.

Thence N. 0°46' W.

Over level bottom land.

2.00 Begin ascent of 60 ft.

5.04 Top of ascent, thence over level mesa land through scattering mesquite.

10.30 To Cor. No. 1, the place of beginning.

AREA

Total area _______________________________ 31.12 acres.

IMPROVEMENTS

The improvements made upon and for the benefit of this claim and belonging to the claimant consist of the
An adobe shed 14x60 ft., the long sides extending E. and W., the SE. Cor. of which bears N. 54° 46' W. 13.95 chs. from Cor. No. 3.

Value: $100.00

A frame barn 20x32 ft., the long sides extending E. and W., the SE. Cor. of which bears N. 58° 17' W. 14.18 chs. from Cor. No. 3.

Value: $200.00

Center of cement tank 30 ft. dia. 3 ft. deep, bears S. 55°54' W. 11.25 chs. from Cor. No. 2.

Value: $200.00

2 pble corrals, each of which are about 60 ft. diameter. The cement tank above described is located between the two corrals, one of which bears NW. and the other SE. from the tank.

Value: $100.00

A dug well 50 ft. deep, with windmill, gas engine and galvanized iron tank 12 ft. diameter, 10 ft. high, over well. The center of windmill bears N. 83°24' W. 9.85 chs. from Cor. No. 2.

Value: $600.00

A dug well 20 ft. deep with windmill and gas engine over well; the center of windmill bears N. 71°21' W. 10.75 chs. from Cor. No. 3.

Value: $300.00

An adobe dwelling 40x38 ft., the long sides extending N. and S., the NE. Cor. of which bears N. 79°09' W. 11.39 chs. from Cor. No. 5.

Value: $1000.00

An adobe store house 10x12 ft., the long sides extending N. and S., the NE. Cor. of which bears N. 80°04' W. 10.89 chs. from Cor. No. 3.

Value: $50.00
A frame and adobe house 12'x24' ft., the long sides extending E. and W., the NE. Cor. of which bears N. 76° 28' W. 10.13 chs. from Cor. No. 3.

Value ----------------------------------$150.00

Approximately 1/4 mile of fencing on claim.

Value ----------------------------------$ 50.00

GENERAL DESCRIPTION

This claim is situated in Hayes Canyon at an elevation of about 4,000 ft., and is comprised mainly of bottom land, with a gradual slope to the south. Approximately 20 acres of the area are suitable for agricultural purposes, of which about 1 acre has been set out to small orchard just north of the house. There is also evidence of about 5 acres having been under cultivation in the past. The soil is a rich sandy loam of good depth and would produce good crops with irrigation.

Water for domestic use and for watering about 200 head of cattle is obtained from the wells on the claim.

There is no merchantable timber on the claim.

I saw no indication of mineral on the claim.

The claim is mainly valuable for a stock ranch head-quarters for which it is at present being used.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Wilcox, Arizona, the nearest postoffice and trading point, situated on the Southern Pacific Railway, is about 20 miles distant in a southerly direction, and is reached by fair wagon road.

Survey completed May 25, 1923.

[Signature]
Surveyor - Forest Service.
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NORTH</td>
<td>SOUTH</td>
<td>EAST</td>
<td>WEST</td>
<td></td>
</tr>
<tr>
<td>1 - 2</td>
<td>S. 69°31' E.</td>
<td>30.22</td>
<td></td>
<td>30.22</td>
<td>30.22</td>
<td>7.26</td>
<td></td>
</tr>
<tr>
<td>2 - 3</td>
<td>S. 0°46' E.</td>
<td>10.30</td>
<td>10.30</td>
<td>14</td>
<td>30.51</td>
<td>1.44</td>
<td>631.44</td>
</tr>
<tr>
<td>3 - 4</td>
<td>N. 89°34' W.</td>
<td>30.24</td>
<td></td>
<td>30.24</td>
<td>30.24</td>
<td>3.76</td>
<td>0.76</td>
</tr>
<tr>
<td>4 - 1</td>
<td>N. 0°46' W.</td>
<td>10.30</td>
<td>10.30</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>31.06</td>
<td>10.63</td>
<td>20/122.68</td>
<td>51.13 acres</td>
<td></td>
</tr>
</tbody>
</table>

Error in Lat. & Dep.: 02 02
Closing error 1/966
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 14, 1924

The foregoing field notes of Homestead Entry Survey No. 627

executed by Thomas P. Hyers, Surveyor

under his special instructions, dated July 21, 1922, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Charles M. Donohoe

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.

Charles M. Donohoe

U. S. Surveyor General.