U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 637

SITUATED IN THE

COWLING

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 16, un-surveyed, Township 14 N., Range 7 E.
In Section 17, un-surveyed, Township 14 N., Range 7 E.
and
Establishment of U.S.L.I. 637 H.E.S.

of the

Gila and Salt River Base and Meridian.

State of

Arizona.

Applicant for listing
Residence
Application No., dated 19
List No., dated 19

Applicant for survey
Thomas F. Myers, Surveyor - Forest Service
Residence
H. E. No., dated 19
Land District

Survey executed by Thomas F. Myers, Surveyor - Forest Service
Under special instructions dated May 14, 19
Survey commenced July 30, 19
Survey completed July 31, 19

We hereby certify that we assisted Thomas F. Myers, Surveyor - Forest Service, in surveying all those parts or portions of Homestead Entry Survey No. 637, 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 31st day of July, 1923.

Thomas 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, 1923, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land as a basis for listing and patent

No. , dated , under the Act of June 11, 1906, for the same to be known as Homestead Entry Survey No. 637, situated within the Coconino National Forest, in U.S. Survey Sections 16 Township 14 N., Range 7 E., and U.S. Survey Sections, 17 Township 14 N., Range 7 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.

Thomas Myers
Surveyor - Forest Service.

Subscribed and sworn to before me this 16th day of December, 1923.

Evelyn Myers
Notary Public.

My commission expires April 12, 1925.
Surveyed a tract of land as a basis for listing and patent.
Surveyed under special instructions from the Surveyor General for Arizona, dated May 14, 1923, and designated as Homestead Entry Survey No. 527.
Situated in what will probably be when surveyed Secs. 16 and 17, T. 14 N., R. 7 E., Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.
Surveyed under the acts of June 11, 1906, and February 26, 1925.

Survey commenced July 30, 1925, and executed with a Buff and Buff transit No. 14661, equipped with Smith solar attachment.

I tested the adjustments of the transit and made necessary corrections.

All distances are horizontal and were reduced from the measurements made directly on the slope with a 400 link steel tape, and the slope angles were determined with a clinometer.

July 30, 1925.
At my station near Cor. No. 1 of the survey in Latitude 34°26' N., Longitude 111°35'42" W. from Forest Service Base Map, at 6h 16m p.m. 1.m.t., I observe Polaris with telescope direct, reading an angle of 3°22'30"
from star to right to a reference mark about 1 mile distant.

Greenwich m.t. U.C. Polaris, July 31, 1925, 5h 08.3m a.m.
Corr. For Long. 1.2
1.m.t. U.C. Polaris July 31, 1925, 5h 01.8m a.m.
1.m.t. Obs. Polaris, July 30, 1925, 6h 16m p.m.
Hour angle 10h 45.6m

Azimuth of Polaris 0°24.9' E.

Bearing of reference mark N. 3°47'24" E.
Chains

At same station at 6h 18m 30s p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of 3°22' from star to right to same reference mark.

l.m.t. U.S. Polaris, July 31, 1923, 5h 01.8 m a.m.

l.m.t. Obsn. Polaris, July 30, 1923, 6h 18.5 m p.m.

Hour angle ... 10h 40.3m

Azimuth of Polaris 0°26.7' E.

Bearing of reference mark N. 3°46'42" E.

The bearing of the reference mark as determined from the mean of the two observ. is N. 3°47'03" E. I accept bearing of reference mark as N. 3°47' E. and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

ESTABLISHMENT OF U.S. L.M. NO. 637 H. E. S.

July 30, 1923.

There being no corner of the Public Land Survey or U. S. Location Monument to which this survey could be tied, I establish U. S. Location Monument No. 637 H.E.S. as follows:

On top of a cone shaped malpais outcrop, showing about 100 ft. base and 30 ft. high, situated on a rocky ridge bearing N. 12° W. about 1 mile W. of Long Canyon, on top of a flat rock on highest point of outcrop, I chisel + for the point and USBM 637 H.E.S on surface sloping East, and raise a mound of stone 5 ft. base, 4-1/2 ft. high S. 12° E. 5 ft. distant to center mound from point for U.S.L.M., Whence:

A juniper 36 ins. dia. brs. N. 66°07' W.
54.9 lks.

A juniper 22 ins. dia. brs. N. 69°25' E.
190 lks.

A juniper 10 ins. dia. brs. S. 29°47' E.
218 lks.
Each blazed and scribed USLM 637 HES + BT.
Lookout Station on Bakers Butte, which is also
U. S. G. S. Triangulation station, bears
S. 50°24' E.
Smokestack at Clarkdale bears N. 64°13' W.
San Francisco Peak bears N. 4°46' W.
House Mountain bears N. 51°16' W.
Kendrick Peak bears N. 14°54' W.

July 30, 1922.

BOUNDARIES OF CLAIM

July 31, 1922.
Beginning at Cor. No. 1.
Deposit a malpais stone 1x2x3 ins., marked with a + 14
ins. in the ground, over which set a malpais stone
20x18x9 ins., no longer stone available, chiseled + for
the point and 1 HES 637 on W. face; raise a mound of
stone 2 ft. base 1-1/2 ft. high W. of Cor., whence:
A cedar 8 ins. dia. brs. N. 15°10' W. 465 lks.
A cedar 14 ins. dia. brs. S. 57°42' W. 475 lks.
Each blazed and scribed 1 HES 637 + BT.
U.S.L.M. 637 HES, previously described, bears
N. 51°55' E. 77.39 chs. by direct measurement.

Latitude 34°26'00" N., Longitude 111°35'42" W. from
Forest Service Base Map.
Mag. decl. at 8 a.m. 14°30' E. Mean mag. decl. 14°25' E.
Thence S. 60°10' W.
Over open level land.

.55 Arroyo 15 lks. wide 2 ft. deep, course NW.
7.00 Enter scattering cedar.
14.00 To Cor. No. 2.
Deposit a malpais stone 2x6x6 ins., marked with a + 20
ins. in the ground, over which set a malpais stone
22x14x10 ins., chiseled + for the point and 2 HES 637
on N. face; raise a mound of stone 2 ft. base, 1-1/2
<table>
<thead>
<tr>
<th>Chains</th>
<th>Ft. high N. of Cor., whence:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A cedar 14 ins. dia. bre. N. 69°22' E. 136 lks.</td>
</tr>
<tr>
<td></td>
<td>A cedar 14 ins. dia. bre. S. 46°20' E. 92 lks.</td>
</tr>
<tr>
<td></td>
<td>Each blazed and scribed 2 HES 627 + BT.</td>
</tr>
</tbody>
</table>

Thence N. 76°00' W.

Over nearly level land through edge of cedar.

To Cor. No. 2.

Deposit a malpais stone 2x2x2 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 2x10x3 ins., chiseled + for the point and 3 HES 627 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

- A cedar 10 ins. dia. bre. S. 65°20' E. 237 lks.
- A cedar 7 ins. dia. bre. S. 29°45' E. 201 lks.
Each blazed and scribed 2 HES 627 + BT.

Thence N. 1°11' E.

Over gently rolling land through edge of cedar.

To Cor. No. 4.

Deposit a malpais stone 2x4x6 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 2x12x5 ins., chiseled + for the point and 4 HES 657 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor., whence:

- A cedar 6 ins. dia. bre. S. 9°40' W. 327 lks.
- A cedar 12 ins. dia. bre. S. 56°15' W. 109 lks.
Each blazed and scribed 4 HES 657 + BT.

Thence N. 47°26' E.

Over open level land covered with loose rock.

To Cor. No. 5.

Deposit a malpais stone 2x4x4 ins., marked with a + 18 ins. in the ground, over which set a malpais stone 2x12x10 ins., chiseled + for the point and 5 HES 657
Chains on S. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high South of Cor., whence:

A cedar 6 ins. dia. brs. S. 42°05' E. 14 lks.
A cedar 6 ins. dia. brs. N. 1°50' E. 356 lks.
Each blazed and scribed 5 HES 637 + BT.

Thence East.
Over open level land covered with loose rock.

To Cor. No. 6.

Deposit a malpais stone 1x3x3 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 2x2x8 ins., no longer stone available, chiseled + for the point and 6 HES 557 on SW. face; dig pits 16x3x3x2 ins. crosswise on this and succeeding course, 3 ft. distant, and raise mound of earth 3 ft. base, 2 ft. high SW. of Cor.

No witnesses available.

Thence S. 10°30' E.
Over open level land covered with loose rock.

To Cor. No. 7.

Deposit a malpais stone 1x3x3 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 2x4x6 ins., chiseled + for the point and 7 HES 637 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:

A cedar 10 ins. dia. brs. N. 6°25' E. 405 lks.
A juniper 40 ins. dia. brs. N. 68°10' E. 459 lks.
Each blazed and scribed 7 HES 637 + BT.

Thence S. 88°30' E.
Over open level land.

2.80 Rocky outcrop 2 to 5 ft. high bears S. Thence across level land.

8.50 Begin gradual descent over gentle E. slope.
HOMESTEAD ENTRY SURVEY NO. 627
COCONINO NATIONAL FOREST
STATE OF ARIZONA

Chains 26.00
To Cor. No. 8.
Deposit a melpais stone 26x26 ins., marked with a + 10 ins. in the ground, over which set a melpais stone 26x10x8 ins., chiseled + for the point and 8 HES 637 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:
A cedar 8 ins. dia. brs. N. 21°43' W. 301 lks.
Blazed and scribed 8 HES 637 + BT.
No other witnesses available.

Thence S. 27°00' E.
Over open level land.

5.10
Arroyo 5 lks. wide, 2 ft. deep, course WSW.

14.65
Arroyo 10 lks. wide, 2 ft. deep, course NW.

22.50
To Cor. No. 1, the place of beginning.

AREA
Total Area ———— 151.25 acres

IMPROVEMENTS
There were no improvements of any description on the claim at the time of survey.

DESCRIPTION
This claim is comprised mainly of open park mesa land lying about 3 miles northerly of Clear Creek on a wide flat mesa locally known as cedar flat. Approximately 140 acres of the area would be classed as suitable for agricultural purposes. The soil is a clay loam of fair depth. There was but little growth on the area which would indicate that the soil was not very fertile. There was no water on the claim. Water for domestic use would have to be packed from Clear Creek about 3 miles southerly.
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 or adjoining claims.
Camp Verde, the nearest postoffice and trading point, lies about 17 miles in a southwesterly direction and is reached by trail.

Survey completed July 31, 1922.

[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>
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<td>NORTH</td>
<td>SOUTH</td>
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<td>1 - 2</td>
<td>S. 60°10' W.</td>
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<td>5 - 6</td>
<td>East</td>
<td>6.00</td>
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<td>6.00</td>
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<td>6 - 7</td>
<td>S. 10°50' E.</td>
<td>24.00</td>
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<td>S. 25°50' E.</td>
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<td>8 - 1</td>
<td>S. 27°00' E.</td>
<td>22.50</td>
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<td>20/5024</td>
<td>90</td>
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<td>101</td>
<td>25 scores</td>
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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 27, 1924

The foregoing field notes of Homestead Entry Survey No.

637

executed by Thomas F. Myers, Surveyor, under his special instructions, dated May 14, 1923, 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.

[Signature]
U. S. Surveyor General.