U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

of
HOMESTEAD ENTRY SURVEY NO. 636
SITUATED IN THE CORONADO NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 17, unsurveyed, Township 17 S., Range 30 E.

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

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

Applicant for survey
Residence
N. X. No., dated 19
Land Office Phoenix, Arizona

Survey executed by Thomas F. Myers, Surveyor - Forest Service
Under special instructions dated April 23, 1923
Survey commenced May 8, 1923
Survey completed May 9, 1923
We hereby certify that we assisted
   Thomas F. Myers, Surveyor - Forest Service
   in surveying all those
   parts or portions of Homestead Entry Survey No. 636, in the State of
   Arizona, which are represented in the following field notes
   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.

   Subscribed and sworn to before me this 9th day of
   May 1928.

   OATH OF SURVEYOR

   1. Thomas F. Myers, Surveyor - Forest Service,
   [Forest Service Title]
   do solemnly swear that, in strict conformity with the special instruc-
   tions of the United States Surveyor General for Arizona, dated
   April 23, 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 June 11, 1906, for
   under the Act of 19
   the same to be known as Homestead Entry Survey No. 636
   situated within the
   Coronado National Forest, in
   un-surveyed Section 17 Township 17 E. Range 30 E., and
   surveyed Section , Township , Range

   of the Gila and Salt River Base & meridian, Arizona, and the
   related retracements and reserves 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 13th day of
   November 1928.

   Notary Public

   My Commission expires April 23, 1925.
Surveyed a tract of land as a basis for listing and patent.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 22, 1922, and designated as Homestead Entry Survey No. 636.

Situated in what will probably be, when surveyed, Sec. 17, T. 17 S., R. 30 E., Gila and Salt River Base and Meridian, within the Coronado National Forest, Arizona.


Survey commenced May 8, 1922, and executed with a Buff and Buff transit No. 14651, 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 8, 1923.

At my station near Cor. No. 1 of this survey, in Lat. 31°58'30" N., Long. 109°18'25" W., from Forest Service Base Map, at 6 h. 01 m. p.m., l.m.t., I observe Polaris with telescope direct, reading an angle of 0°58'00" from star to right to reference mark.

Greenwich m.t. U. C. Polaris, May 8, 1923, 10h. 31.9m a.m

Corr. for Long. 1.8m

1.m.t. U. C. Polaris May 8, 1923, 10h. 30.7m a.m

1.m.t. obser. Polaris May 8, 1923, 6h. 01.0m p.m

Hour angle 7h. 30.3m

Azimuth of Polaris 1°11.8'00" W.
Chains

Bearing of reference mark N. 0°13.8' W.

At same station at 6h. 03m. p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of 0°57.00' from star to right to same reference mark.

l.m.t. Ú., C. Polaris, May 8, 1923, 10 h. 30.7 m. a.m.
l.m.t. Obsn. Polaris, May 8, 1923, 6h. 03.m. D.m.

Hour angle . . . . . . . . . . . . . 7th. 32.3m.

Azimuth of Polaris 1°11.4' W.

Bearing of reference mark N. 0°14.4' W.

The bearing of reference mark, as determined from mean of the two observations is N. 0°14' W., and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

RETRACED

May 8, 1923.

Beginning at Cor. No. 5 of H.E.S. 278, hereinafter described.

Thence S. 46°01' W.

Retracing line 5 - 5 of H.E.S. 278.

Fall 1 lk. S. 41°59' E. of Cor. No. 6 of H.E.S. 278, hereinafter described.

True line is S. 47°59' E. 14.93

Thence N. 29°27' W.

Retracing line 6 - 7 of H.E.S. 278.

Fall 2 lks. S. 60°33' W. of Cor. No. 7 of H.E.S. 278, hereinafter described.

True line is N. 29°25' W. 30.02 chs.

BOUNDARIES OF CLAIM

May 8, 1923.

Beginning at Cor. No. 1.
Deposit a rhyolite stone 2x1x6 ins. 14 ins. in ground, over which set a rhyolite stone 24x18x10 ins., chiseled + on top and 1 HES 636 on SE. face (no stone available for mound), whence:

An oak 20 ins. dia. brs. S. 83°16' E. 12 lks.
An oak 12 ins. dia. brs. N. 82°24' W. 40 lks.
Each blazed and scribed 1 HES 636 + BT.

The 1/4 Cor. between Secs. 7 and 12, T. 17 S., Rm. 29 and 30 E., which is a limestone 6x10x6 ins. above ground, marked 1/4 on W. face, with mound of stone W. of Cor. bears N. 54°09'45" W. 101.33 chs. by traverse which appears at the end of these notes.

Note: This 1/4 Cor. was evidently restored by the U. S. G. S. when the Forest Boundary was established in 1905 as boundary post North 47 lks. from 1/4 Cor. is marked W. C. on center line, 1/4 S. 7 on E., and 1/4 S. 12 on W. edges of brass cap. The field notes of the original survey calls for wooden post for 1/4 Cor. The Mag. decl. at 8 a.m. is 14°18' E.
Mean Mag. decl. is 14°12' E.

Lat. 31°56'30" N. Lang. 109°18'26" W. from Forest Service Base Map.

Thence N. 49°30' E.
Descend 15 ft. over rolling NE. slope through dense oak and juniper.

2.10 Wash 60 lks. wide, course ESE.
8.05 Wash 80 lks. wide, course NNE.

13.20 To Cor. No. 2.

Identical with Cor. No. 7 of HES. 278, a limestone 12x10x8 ins. above ground, marked + on top and 7 HES 278 on E. face. I chisel same, stone 2 HES 636 on SW. face for Cor. No. 2 of this survey, whence:

A pine 8 ins. dia. brs. S. 82°30' W. 45 lks.
Chains

A pine 10 ins. dia. brs. N. 10° W. 37 lks.

Each blazed and scribed 2 HES 636 + BT.

Thence S. 29° 26' E.

Ascend 70 ft. to cor. over rolling land through dense oak brush along line 7 - 6 of H.E.S. 278.

0.04 Fence Cor. Fences bear N. and SE. along line.

10.00 Wash 100 lks. wide, course NE.

12.00 Wash, 50 lks. wide, course NE.

21.75 Wash 25 lks. wide, course NE.

23.00 Enter cleared land.

30.02 To Cor. No. 3.

Identical with Cor. No. 6 of H.E.S. 278, a sandstone 12x7x6 ins. above ground, marked + on top and 6 HES 278 on N. face. I chisel same stone 3 HES 636 on S. face for Cor. No. 3 of this survey, whence:

A pine 12 ins. dia. brs. N. 59° E. 30 lks.

A pine 14 ins. dia. brs. N. 54°50' W. 90 lks.

Each blazed and scribed 3 HES 636 + BT.

Thence N. 47°59' E.

Along line 6 - 5 of HES. 278. Descend 10 ft. gradually over cleared land.

12.20 Begin steep descent of 85 ft. to cor. through oak brush, juniper and sycamore.

13.55 Dim road, bears NW. and SE.

14. 95 To Cor. No. 4.

Identical with Cor. No. 5 of HES. 278, a limestone 12x12x10 ins. above ground, marked + on top and 5 HES 278 on W. face. I chisel same stone 4 HES 636 on S. face for Cor. No. 4 of this survey, whence:

An oak 11 ins. dia. brs. S. 23°20' E. 76 lks.

A sycamore 16 ins. dia. brs. N. 8°08' E. 66 lks.
Chains

Each blazed and scribed 4 HES 626 + ET.

May 8, 1922.

May 9, 1922.

Thence S. 21°44' E.


.07 Fence bears S. 48° W. and N. 48° E.

2.65 Top of ascent. Descend 10 ft.

3.60 S. Fork Pinery Creek, running water 2.1ks. wide, 1 in. deep, course N.

10.20 South Fork Pinery Creek, running water 3 lks. wide, 1 in. deep, course NW.

24.79 To Cor. No. 5.

Deposit a porphyry stone 4x3x6 ins. 20 ins. in ground over which set a porphyry stone 36x10x16 ins., chiseled + on top and 5 HES 626 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of Cor., whence:

An emery oak 12 ins. dia. brs. N. 6°10' E. 12 lks.

An emery oak 6 ins. dia. brs. S. 69°50' E. 22 lks.

Each blazed and scribed 5 HES 626 + ET.

Thence S. 56°27' W.

1.34 Dim road bears NW. and SSE. Ascend 30 ft. over steep NE. slope.

4.50 Irrigation ditch, 3 lks. wide, 18 ins. deep, course NW. Top of steep ascent. Ascend gradually 10 ft. to Cor.

6.26 To Cor. No. 6.

Deposit a limestone 1x4x4 ins. 14 ins. in ground over which set a rhyolite stone 24x6x16 ins. chiseled
Chains

+ for the point and 6 HES 636 on N. face (no stone available for mound), whence:

An oak 4 ins. dia. brs. S. 68°30' W. 34 lks.

An oak 5 ins. dia. brs. S. 12°16' E. 11 lks.

Each blazed and scribed 6 HES 636 + BT.

Thence N. 56°56' W.

Over rolling NE. slope through dense oak brush.

Descend gradually 15 ft. to Cor. 22.58

To Cor. No. 7.

Point for Cor. falls on a rhyolite boulder, in place showing 24 x 20 x 12 ins. above ground. I chisel boulder.

+ for the point and 7 HES 636 on E. face (no stone available for mound), whence:

A pine 12 ins. dia. brs. S. 58°30' W. 67 lks.

A pine 10 ins. dia. brs. S. 3°00' W. 66 lks.

Each blazed and scribed 7 HES 636 + BT.

Thence N. 44°30' W.

Descend 25 ft. over rolling NE. slope through dense oak brush and juniper.

29.39

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

AREA

Area ––––––––––––––––––––––– 57.82 acres

IMPROVEMENTS

The improvements made upon and for the benefit of this claim and belonging to the claimant, consist of about 1/2 mile of irrigation ditch, one-half of which is on outside of claim.

Value ––––––––––––––––––– 700.00

Claimant's residence and other improvements are
situated on his original homestead, H.E.S. 278, which
adjoins on the north.

GENERAL DESCRIPTION
The claim is located along the narrow valley of the
South Fork of Pinery Creek. The soil is a sandy loam
of good depth and very fertile.
About 30 acres of the area are suitable for agricultural
purposes, the remainder is suitable for grazing purposes.
Water for irrigating a portion of the area during a
portion of the year from the ditch which heads in the
South Fork of Pinery Creek about one-quarter mile above
the claim.
There is a dense stand of oak brush, oak, juniper and
sycamore timber on a portion of the claim.
I saw no evidence of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS
The claim is joined on the north by H.E.S. 278, belonging
to claimant E. J. Hands, lines 5 - 6 and 6 - 7 there-
of being identical with lines 3 - 4 and 2 - 3
respectively of this survey.
Light, Arizona, is the nearest postoffice and trading
point. It is about 16 miles in a southwesterly
direction and is reached by a fair road.

Survey completed May 9, 1922.

Surveyor - Forest Service.
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Error in Lat. & Dep. 02 07

Closing error 1/142

The Cor. 1 to 1/4 Cor. 630

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N. 64°09'45" W 101.53
APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona, March 26, 1924

The foregoing field notes of Homestead Entry Survey No. 636

executed by Thomas F. Myers, Surveyor,
under his special instructions, dated April 23, 1923, 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.