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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

OF

HOMESTEAD ENTRY SURVEY NO. 636

SITUATED IN THE CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 17 , un-surveyed, 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

H. E. No. , dated , 19

Land Office Phoenix, Arizona

Survey executed by Thomas F. Myers, Surveyor - Forest Service
[Forest Service Title.]

Under special instructions dated April 23 , 19 23

Survey commenced May 8 , 19 23

Survey completed May 9 , 19 23

Under Acts of June 11, 1906, and May 11, 1922.

OATH OF ASSISTANTS

We hereby certify that we assisted
Surveyor - Forest Service
[Forest Service Title.]

Thomas F. Myers,
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 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.

Claude W. McFengie Chairman
J. O. Harris Chairman
Geo W Cook Chairman

Subscribed and sworn to before me this 9th day of May 1923.

Thomas F Myers
Surveyor - Forest Service.

OATH OF SURVEYOR

I, Thomas F. Myers, Surveyor - Forest Service,
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions 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 , 19 , for , under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 636, situated within the Coronado National Forest, in un-surveyed Section 17, Township 17 S., Range 30 E., and -- surveyed Section ----, Township ----, Range ----

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 F Myers
Surveyor - Forest Service.
[Forest Service Title.]

Subscribed and sworn to before me this 13th day of November, 1923

Ethel G. Myers
Notary Public



8-2349

My Com. expires April 12, 1925.

HOMESTEAD ENTRY SURVEY NO. 636

CORONADO NATIONAL FOREST

STATE OF ARIZONA

1.

Chains

Surveyed a tract of land as a basis for listing and patent.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 23, 1923, 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. Surveyed under the Acts of June 11, 1906, and May 11, 1922.

Survey commenced May 8, 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 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.	<u>1.2m</u>
l.m.t. U. C. Polaris May 8, 1923,	10h. 30.7m a.m.
l.m.t. obsn. Polaris May 8, 1923,	<u>6h. 01.0m p.m.</u>
Hour angle	7h. 30.3m

Azimuth of Polaris 1°11.8'00" W.

Chains

Bearing of reference mark N. $0^{\circ}13.8'$ W.

At same station at 6h. 03m. p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of $0^{\circ}57'00''$ from star to right to same reference mark.

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

l.m.t. Obsn. Polaris, May 8, 1923, 6h. 03.m p.m.

Hour angle 7h. 32.3m.

Azimuth of Polaris $1^{\circ}11.4'$ W.

Bearing of reference mark N. $0^{\circ}14.4'$ W.

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

RETRACEMENTS

May 8, 1923.

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

Thence S. $48^{\circ}01'$ W.

Retracing line 5 - 6 of H.E.S. 278.

14.93 Fall 1 lk. S. $41^{\circ}59'$ E. of Cor. No. 6 of H.E.S. 278, hereinafter described.

True line is S. $47^{\circ}59'$ E. 14.93

Thence N. $29^{\circ}27'$ W.

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

30.02 Fall 2 lks. S. $60^{\circ}33'$ W. of Cor. No. 7 of H.E.S. 278, hereinafter described.

True line is N. $29^{\circ}25'$ W. 30.02 chs.

BOUNDARIES OF CLAIM

May 8, 1923.

Beginning at Cor. No. 1.

Chains

Deposit a rhyolite stone 2x1x5 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°15' 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., R. 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 1905¹⁹⁰⁵ 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°15' E.

Mean Mag. decl. is 14°12' E.

Lat. 31°58'30" N. Long. 109°18'25" W. from Forest Service Base Map.

Thence N. 48°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. 83°30' W. 43 lks.

CORONADO NATIONAL FOREST

4.

STATE OF ARIZONA

Chains

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

Each blazed and scribed 2 HES 636 + BT.

Thence S. 29°25' E.

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

.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.

26.00 Enter cleared land.

30.02 To Cor. No. 3.

Identical with Cor. No. 6 of H.E.S. 278, a sandstone 12x7x8 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.

13.35 Dim road, bears NW. and SE.

14. 93 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	<p>Each blazed and scribed 4 HES 636 + BT.</p> <p>May 8, 1923.</p> <hr/> <p>May 9, 1923.</p> <p>Thence S. 21°44' E.</p> <p>Through dense oak and sycamore. Ascend 15 ft. along foot of NE. slope. Ascend gradually 50 ft.</p> <p>.07 Fence bears S. 48° W. and N. 48° E.</p> <p>2.65 Top of ascent. Descend 10 ft.</p> <p>3.60 S. Fork Pinery Creek, running water 2 lks. wide, 1 in. deep, course N.</p> <p>10.30 South Fork Pinery Creek, running water 3 lks. wide, 1 in. deep, course NW.</p> <p>24.79 To Cor. No. 5.</p> <p>Deposit a porphyry stone 4x3x6 ins. 20 ins. in ground over which set a porphyry stone 36x10x16 ins., chiseled + on top and 5 HES 636 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of Cor., whence:</p> <p>An emery oak 12 ins. dia. brs. N. 6°10' E. 12 lks.</p> <p>An emery oak 6 ins. dia. brs. S. 69°50' E. 22 lks.</p> <p>Each blazed and scribed 5 HES 636 + BT.</p> <hr/> <p>Thence S. 56°37' W.</p> <p>1.84 Dim road bears NNW. and SSE. Ascend 30 ft. over steep NE. slope.</p> <p>4.50 Irrigation ditch, 3 lks. wide, 18 ins. deep, course NNW. Top of steep ascent. Ascend gradually 10 ft. to Cor.</p> <p>6.36 To Cor. No. 6.</p> <p>Deposit a limestone 1x4x4 ins. 14 ins. in ground over which set a rhyolite stone 24x6x16 ins. chiseled</p>
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HOMESTEAD ENTRY SURVEY NO. 636

CORONADO NATIONAL FOREST

STATE OF ARIZONA

6.

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°20' W. 34 lks.

An oak 5 ins. dia. brs. S. 12°15' E. 11 lks.

Each blazed and scribed. 6 HES 636. + BT.

Thence N. 55°58' 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 24x20x12 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. 8°00' W. 68 lks.

Each blazed and scribed 7 HES 636 + BT.

Thence N. 44°30' W.

Descend 35 ft. over rolling NE. slope through dense oak brush and juniper.

29.89 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

Chains

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 HES. 278, belonging to claimant E. J. Hands, lines 5 - 6 and 6 - 7 thereof 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, 1923.

Thomas J. Myers
Surveyor - Forest Service.

Chains

<p>to the ...</p>	<p>... ..</p> <p>... ..</p> <hr/> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <p>... ..</p> <hr/> <p>... ..</p> <p>... ..</p> <hr/> <p>... ..</p>
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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,

[Forest Service Title]

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.