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MAR 29 1923
DEC 22 1923

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

OF

HOMESTEAD ENTRY SURVEY NO. 632

SITUATED IN THE COCONINO AND TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 29 , un-surveyed, Township 12 N., Range 7 E.

In Section 30 , un-surveyed, Township 12 N., Range 7 E.
and

Establishment of U.S.L.M. 632 HES.

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

Residence

H. E. No. , dated , 19

Land Office

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

Under special instructions dated March 19 , 19 23

Survey commenced August 6 , 19 23

Survey completed August 8 , 19 23

Under Acts of June 11, 1906, and February 26, 1923.



OATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers,**
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **632**, 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.

J. D. Gray
George Cook

Chainman
Chainman

Subscribed and sworn to before me this **8th** day of
August, 19**23**

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 instruc-
tions of the United States Surveyor General for **Arizona**, dated
March 19, 19**23**, 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**, 19**06**,
the same to be known as Homestead Entry Survey No. **632**,
situated within the **Coconino and Tonto** National Forest, in
un-surveyed Section **29**, Township **12 N.**, Range **7 E.**, and
un-surveyed Section **30**, Township **12 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

Thomas F. Myers

Surveyor - Forest Service.
[Forest Service Title.]

Subscribed and sworn to before me this **17th** day of
December, 19**23**.

Esther F. Myers

Notary Public.



S-2349

My Commission expires April 12, 1925.

HOMESTEAD ENTRY SURVEY NO. 632

COCONINO AND TONTO 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 March 19, 1923, and designated as Homestead Entry Survey No. 632.

Situated in what will probably be when surveyed Secs. 29 and 30, T. 12 N., R. 7 E., Gila and Salt River Base and Meridian, Coconino and Tonto National Forests, Arizona.

Surveyed under the Acts of June 11, 1906, and February 26, 1923.

Survey commenced August 6, 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.

August 6, 1923.

At my station near Cor. No. 3 of this survey in Lat. $34^{\circ}24'$ N., Long. $111^{\circ}38'52''$ W. from Forest Service Base Map at 7h 14m p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of $1^{\circ}00'$ from star to left to reference mark about 1/2 mile distant.

Greenwich m.t. U. C. Polaris, Aug. 7, 1923, 4h 35.6m a.m.

Corr. for Long.	1.2
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l.m.t. U. C. Polaris August 7, 1923,	4h 34.4m a.m.
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l.m.t. Obsn. Polaris, August 6, 1923,	7h 14.0m p.m.
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Hour angle	9h 20.4m
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Azimuth of Polaris $0^{\circ}51'$ E.

Bearing of reference mark N. $0^{\circ}09'$ W.

Chains

At same station at 7h 17m p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of 1°00' from star to left to same reference mark.

l.m.t. U. C. Polaris, August 7, 1923, 4h 34.4m a.m.

l.m.t. Obsn. Polaris, August 6, 1923, 7h 17.0m

Hour angle 9h 17.4m

Azimuth of Polaris 0°51.7' E.

Bearing of reference mark N. 0°08.3' W.

The bearing of reference mark as determined from the mean of the two observations is N. 0°08'39" W. I accept bearing of reference mark as N. 0°09' W. and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

Establishment of U.S.L.M. No. 632 HES.

August 6, 1923.

There being no public land Cor. or established U. S.

Location Monument within two miles of this survey, I

therefore establish U. S. Location Monument No. 632

H.E.S. as follows: On basalt boulder 4x2x3 ft. above

surface, on N. edge of rocky outcrop on top of steep

mountain on South side of Fossil Creek about 1000 ft.

above creek, I chisel + on top for the point and USLM

632 HES on SW. face; raise a mound of stone 6 ft. base,

5 ft. high, 6 ft. SE. of point for U.S.L.M., whence:

A cedar 6 ins. dia. brs. S. 27°37' W. 108 lks.

A cedar 8 ins. dia. brs. S. 43°27' E. 54 lks.

Each blazed and scribed U.S.L.M. 632 HES + BT.

No other witnesses available.

Smokestack of smelter at Clarksdale bears

N. 41°05' W.

Horner Mountain bears N. 87°06' W.

Pyramid Peak bears S. 30°27' W.

North Peak on Mazatzal Mountain bears

S. 29°43' E.

HOMESTEAD ENTRY SURVEY NO. 632

COCONINO AND TONTO NATIONAL FOREST

STATE OF ARIZONA

3.

Chains

Junction Sally May and Fossil Creeks bears

N. 76°16' W.

August 6, 1923.

BOUNDARIES OF CLAIM

August 7, 1923.

Beginning at Cor. No. 1. Point for Cor. falls on top of a basalt boulder in place showing 8x10x10 ft. above ground. I chisel + for the point and 1 HES 632 on top surface of boulder for Cor. No. 1 of this survey,

whence:

A basalt boulder in place showing 12x36x18 ins. above ground bears S. 45°40' W. 23 lks., chiseled + 1 HES 632 BR.

A basalt boulder in place showing 48x24x24 ins. above ground, bears S. 14°20' E. 24 lks., chiseled + 1 HES 632 BR.

U.S.L.M. 632 HES., previously described, bears S. 11°11' E. 45.27 chs: by direct measurement.

Latitude 34°23'50" N., Long. 111°38'16" W., from Forest Service Base Map.

Mag. decl. at 1 p.m. is 14°05' E. ; Mean Mag. decl. 14°08' E.

Thence N. 86°40' W.

Descend 50 ft. over steep North slope through dense oak brush.

Bottom of steep descent, thence over nearly level land through mesquite and catclaw.

Wash, 3 ft. deep 20 lks. wide, course North.

Left bank Fossil Creek, 10 ft. high.

Middle Fossil Creek, running water, 40 lks. wide, 1 ft. deep, course SW.

Right bank Fossil Creek, 15 ft. high, thence over nearly level flat through catclaw, mesquite and hackberry.

3.80

7.20

13.40

15.35

18.70

Chains

25.61

To Cor. No. 2.

Deposit a malpais stone 2x3x6 ins., marked with a + 16 ins. in the ground, over which set a limestone 26x12x10 ins., chiseled + for the point and 2 HES 632 on NE. face; raise a mound of stone 3 ft. base, 2 ft. high NE. of Cor., whence:

A hackberry 10 ins. dia. brs. N. 60°02' E. 76 lks.

A hackberry 5 ins. dia. brs. S. 68°45' E. 70 lks.

Each blazed and scribed 2 HES 632 + BT.

Thence N. 18°30' E.

Over nearly level ground through dense mesquit and catclaw.

4.50

Arroyo 30 lks. wide, 5 ft. deep, running water 10 lks. wide, 6 ins. deep, course SW. Flow from Arizona Power Co. flume which is about 8 chs. north of claim at this point.

7.67

To Cor. No. 3.

Deposit a malpais stone 2x4x4 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x14x12 ins., chiseled + for the point and 3 HES 632 on SE. face; raise a mound of stone 3 ft. base, 2 ft. high SE. of Cor., whence:

A malpais boulder in place showing 5x4x2-1/2

ft. above ground, chiseled + 3 HES 632 BR,

bears N. 84°05' E. 64 lks.

No other witnesses available.

Thence N. 71°48' E.

Ascend 15 ft. gradually over rolling South slope through dense mesquit and catclaw.

.50

Road bears E. and W.

1.40

Arroyo 30 lks. wide, 5 ft. deep, running water 10 lks. wide 6 ins. deep, course South, flow from Arizona

Chains

Power Co. flume, which is about 5 chs. north of this point.

7.60 Road bears NE. and SW.

16.46 To Cor. No. 4.

Deposit a sandstone 1x2x3 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x10x8 ins., chiseled + for the point and 4 HES 632 on S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high S. of Cor., whence:

A cottonwood 48 ins. dia. brs. S. 34°30' E.
281 lks.

A cottonwood 24 ins. dia. brs. S. 11°30' E.
195. lks.

Each blazed and scribed 4 HES 632 + BT.

Rain in afternoon.

August 7, 1923.

August 8, 1923.

Thence S. 87°28' E.

Across rolling rocky south slope through dense mesquit and catclaw.

.80 Arroyo 30 lks. wide, 10 ft. deep, course South.

3.00 Arroyo 60 lks. wide, 15 ft. deep, course South.

8.00 Arroyo 10 lks. wide, 3 ft. deep, course South.

9.27 Arroyo 30 lks. wide, 5 ft. deep, course SSW.

10.78 Arroyo 30 lks. wide, 4 ft. deep, course SW.

15.20 Arroyo 30 lks. wide, 5 ft. deep, course SW.

16.00 Arroyo 15 lks. wide, 3 ft. deep, course W.S.W.

16.50 Begin ascent of 25 ft. over rocky point.

26.50 Top of ascent on rocky point, bears S., descend gradually 10. ft.

41.00 Descend abruptly 30 ft. over rocky East slope.

46.86 To Cor. No. 5.

Deposit a malpais stone 2x3x5 ins., marked with a + 14 ins. in the ground to solid rock, over which set a malpais stone 18x14x12 ins., no longer stone available,

COCONINO AND TONTO NATIONAL FOREST

6.

STATE OF ARIZONA

Chains	<p>chiseled + for the point and 5 HES 632 on top; raise a mound of stone 3 ft. base 2 ft. high SW. of Cor., whence:</p> <p>An embedded malpais boulder showing 5x4x4 ft. above ground, bears S. 84°42' E. 56 lks., chiseled + 5 HES 632 BR.</p> <p>An embedded malpais boulder, showing 7x5x4 ft. above ground bears S. 11°47' E. 11 lks. chiseled + 5 HES 632 BR.</p> <hr/> <p>Thence S. 23°01' E.</p> <p>Across nearly level bench covered with large malpais boulders through heavy mesquit, catclaw and cactus.</p> <p>4.42 Right bank of Fossil Creek, 50 ft. high.</p> <p>5.22 Fossil Creek, running water 50 lks. wide, 1 ft. deep, course SW.</p> <p>7.12 Left bank Fossil Creek 6 ft. high.</p> <p>7.48 To Cor. No. 6.</p> <p>Point for Cor. falls on an embedded basalt boulder showing 8x8x8 ft. above ground. I chisel boulder + for point and 6 HES 632 on top for Cor. No. 6 of this survey, whence:</p> <p>A cedar 15 ins. dia. brs. S. 6°30' W. 50 lks.</p> <p>A cedar 10 ins. dia. brs. N. 61°30' W. 35 lks.</p> <p>Each blazed and scribed 6 HES 632 + BT.</p> <hr/> <p>Thence S. 83°17' W.</p> <p>Descend 20 ft. over rocky SW. slope.</p> <p>.88 Descend 40 ft. over perpendicular rocky left bank of Fossil Creek; thence down rocky bed of creek.</p> <p>1.80 Fossil Creek, running water 40 lks. wide, 1 ft. deep, course S. 83°15' W.</p> <p>30.00 Leave Fossil Creek, bears NW. and ascend 60 ft. along N. slope, through dense oak brush.</p> <p>42.60 To Cor. No. 1, the place of beginning.</p> <hr/>
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HOMESTEAD ENTRY SURVEY NO. 632

COCONINO AND TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

AREA

Total Area - - - - - 69.35 acres

IMPROVEMENTS

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

DESCRIPTION

The claim is comprised mainly of bench land along the bottom of Fossil Creek, about 30 to 50 ft. above the bed of the Creek. Some of the tracts in the past have been used by Indians for raising gardens. They do not show evidence, however, of having been under cultivation for several years. There is approximately 30 acres of possible agricultural land embraced in the area. The soil is a sandy loam of fair depth in only a few places. The area generally is covered with malpais boulders. All water in Fossil Creek has been covered by water power and Reclamation withdrawals. There is no timber of any 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, Arizona, the nearest settlement and post-office, lies about 20 miles. Mayer, Arizona, a mining town, lies about 40 miles in a westerly direction and is reached by good wagon road.

Survey completed August 8, 1923.

Thomas J. Myers

Surveyor - Forest Service.

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 632, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.		
			NORTH.	SOUTH.	EAST.	WEST.							
1 - 2	N. 86°40' W.	25.61'	↓ 49 ⁵⁰			25	57 ⁵⁶	25	56	36	34		
2 - 3	N. 18°30' E.	7.67'	7	27	2	43	2	43	17	67			
3 - 4	N. 71°48' E.	16.46'	5	14	15	64	20	50	105	37			
4 - 5	S. 87°28' E.	46.86'		2 07 ⁰⁶	46	81 ³⁴	82	98			170	94	
5 - 6	S. 23°01' E.	7.48'		6	88	2	93	132	75		913	32	
6 - 1	S. 83°17' W.	42.60'		4 98 ⁷⁷		42	31 ²⁸	93	40		464.	20	
		146.68'	13	90	13	93	67	81		161	38	1548	46
				13	90		67	81				161	38
	Error in Lat. & Dep.			03			07					20/1387	08
	Closing error 1/1926											69	35 acres

5

135

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 5 , 1924

The foregoing field notes of Homestead Entry Survey No.

632

executed by Thomas F. Myers, Surveyor,

[Forest Service Title]

under his special instructions, dated March 19 , 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.

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 633

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 18, -surveyed, Township 19 N., Range 9 E.

In Section 19, -surveyed, Township 19 N. Range 9 E.

Retracement Bdys. Secs. 18 & 19, T. 19 N., R. 9 E.

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

Residence

H. E. No. , dated , 19

Land Office

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

Under special instructions dated March 17 , 19 23

Survey commenced July 11 , 19 23

Survey completed September 20 , 19 24

Under Acts of June 11, 1906, and February 26, 1923, &
June 5, 1924.

ORIGINAL

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. 633, 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.

H. C. Clendenen Chairman
W. W. Cook Chairman

Subscribed and sworn to before me this 16th day of July, 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 March 17, 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. 633, situated within the Coconino National Forest, in - surveyed Section 18, Township 19 N., Range 9 E., and - surveyed Section 19, Township 19 N., Range 9 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

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

Subscribed and sworn to before me this 18th day of December, 1923.

Ethel G. Myers
Notary Public.



8-2349

My commission expires April 12, 1925.