

HES

0

0

5

5

8

ORIGINAL

253

5

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 558

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 18 , unsurveyed, Township 3 N., Range 13 E.
In Section 19 ,unsurveyed, Township 3 N., Range 13 E.
and

Establishment of U.S.L.M. No. 558, H.E.S.

of the

GILA AND SALT RIVER BASE Meridian.

State of

ARIZONA

Applicant for listing Luther M. Jackson,
Residence Roosevelt, Arizona.
Application No. 502 , dated July 28 , 19 14.
List No. 3-3546 , dated April 6 , 19 15

Applicant for survey Luther M. Jackson,
Residence Globe, Arizona.
H. E. No. 029882 , dated March 29 , 19 16
Land Office Phoenix, Arizona.

Survey executed by Frank D. Yost, Surveyor-Forest Service
[Forest Service Title.]
Under special instructions dated February 15 , 19 18
Survey commenced February 28 , 19 19
Survey completed March 1 , 19 19
Under Acts of June 11, 1906, and October 1, 1918.



254

OATH OF ASSISTANTS

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

Frank D. Yost,
in surveying all those

parts or portions of Homestead Entry Survey No. **558**, 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.

H. E. Brandenburg
Chainman

H. N. Longfellow
Chainman

Subscribed and sworn to before me this **6th** day of

August, 19 **19**

Frank D. Yost
Surveyor - Forest Service,

OATH OF SURVEYOR

I, **Frank D. Yost** **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
February 15, 19 **18**, 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. **3-3546**, dated April 6, 1915; and also a tract of
unlisted land upon the application of **Luther M. Jackson**,

Application No. **502**, dated **July 28**, 19 **14**, for Listing
and Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **558**,
situated within the **TONTON** National Forest, in
un surveyed Section **18**, Township **3 N.**, Range **R. 13 E.**, and
un surveyed Section **19**, Township **3 N.**, Range **R. 13 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

Frank D. Yost

Surveyor - Forest Service,
[Forest Service Title.]

Subscribed and sworn to before me this **fifth** day of

November, 19 **19**.

Echel G. Myers
Notary Public,



My commission expires **March 17, 1921.**

TONTONATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Luther M. Jackson; Application No. 502, dated July 28, 1914; List No. 3-3546, dated April 6, 1915; H. E. 029882 made in the Phoenix Land Office on March 29, 1916, by Luther M. Jackson.

Also a tract of unlisted land adjoining claimant's entry was included in this survey; the land is agricultural in character, was desired by entryman and will be listed as a basis for amendment of his entry. This is therefore a composite survey.

The strip excepted from List 3-3546 for a road right of way included in this survey, since it is no longer required by the Forest Service for the protection of Government interests.

The changes made in this survey are in accordance with the desires of the claimant and meet with the approval of the Forest Service. Copy of signed statement from the entryman agreeing to the changes and also agreeing to amend his entry to conform to this survey is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona dated February 15, 1918, and designated as Homestead Entry Survey No. 558.

Situated in what will probably be when surveyed, Secs. 18 and 19, T. 3 N., R. 13 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and October 1, 1918.

Survey commenced February 28, 1919, and executed with a Buff and Buff transit No. 10019, equipped with Smith solar attachment.

I test the adjustments of the transit and make necessary corrections.

Chains.

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

March 1, 1919.

At U. S. L. M. No. 558, H. E. S.; hereinafter described, at 6h 08.4m p.m., l.m.t., I observe Polaris with telescope direct reading an angle of $172^{\circ} 31' 45''$ from star to right to a reference mark 1/4 mile distant.

Lat. $33^{\circ} 36' 02''$ N., Long. $111^{\circ} 03' 29''$ W., from special instructions from the Surveyor General and later verified.

Greenwich m.t., U. C. Polaris, March 1, 1919, 2h 57.4m p.m.

Corr. for long. 1.2

l.m.t., U. C. Pol., March 1, 1919, 2h 56.2m p.m.

l.m.t., obsn., Pol., March 1, 1919, 6h 08.4m p.m.

Hour Angle, 3h 12.2m

Azimuth of Polaris, $1^{\circ} 00' 45''$ W.

Bearing of reference mark, S. $8^{\circ} 29' 00''$ E.

At the same station at 6h 12.1m p.m., l.m.t., I again observe Polaris with telescope reversed reading an angle of $172^{\circ} 32' 15''$ from star to right to same reference mark.

l.m.t. U. C. Polaris, March 1, 1919, 2h 56.2m p.m.

l.m.t., obsn. Polaris, March 1, 1919, 6h 12.1m p.m.

Hour Angle 3h 15.9m

Azimuth of Polaris $1^{\circ} 01' 30''$ W.

Bearing of reference mark, S. $8^{\circ} 29' 15''$ E.

The two obsns. give a mean bearing of reference mark as S. $8^{\circ} 29' 08''$ E. I accept bearing of reference mark as S. $8^{\circ} 29'$ E. and to the corresponding meridian

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

all the courses of this survey are referred by sustained angulation.

Note: The courses of this survey were run on an assumed azimuth and subsequently corrected to the meridian as determined by the above obsns.

ESTABLISHMENT OF U.S.L.M. NO. 558, H.E.S.

There being no public land cor. or U. S. Location Monument within two miles of this survey, I establish

U. S. L. M. No. 558 H.E.S. as follows:

On the lower Grapevine Mesa, about two miles South of the Globe-Roosevelt road, on the West edge of the gulch formed by Campaign Creek, and 40 feet East of the road to Jackson's ranch. I deposit a granite stone 4 x 4 x 3 ins. marked with a + 24 ins. in the ground over which set a red porphyry stone 32 x 24 x 16 ins. chiseled + on top and U S L M 558 H E S on the South face; raise a mound of stone 6 ft. base, 5 ft. high, S. of U.S.L.M.

No witness trees or bearing objects available.

Greenback peak bears N. 3° 46' W., approximately 25 miles.

Aztec Peak on Baker Mtn. bears N. 31° 26' E., approximately 18 miles.

Armer Mtn. bears N. 10° 17' E., approximately 18 miles.

Granite Mtn. bears S. 0° 11' E., approximately 5 miles.

W. cliff on 2-Bar Mtn. bears S. 33° 28' E., approximately 4 miles.

E. cliff on 2-Bar Mtn. bears S. 41° 15' E., approximately 4 miles.

Chains Round Mtn. bears N. $46^{\circ} 26'$ E., approximately 4 miles.

March 1, 1919.

BOUNDARIES OF CLAIM

February 28, 1919.

Beginning at Cor. No. 1.

Deposit a sandstone 4 x 3 x 1 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia., 36 ins. long, with brass cap marked 1919 on S. rim, and 1 H E S 558 in SE. quadrant; raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor., whence:

A 6 in. catclaw bears S. $3^{\circ} 08'$ E., 110 lks. dist.

A 12 in. mesquit bears N. $44^{\circ} 24'$ E., 107 lks. dist.

Each blazed and scribed 1 H E S 558 + B T

U. S. L. M. No. 558 H. E. S., heretofore described,

bears N. $18^{\circ} 16'$ E., 14.46 chs.

dist. by direct measurement.

Lat. $33^{\circ} 35' 53''$ N., Long. $111^{\circ} 03' 32''$ W., from special instructions from the Surveyor General and later verified.

Mag. decl. at 8 a.m. is $14^{\circ} 30'$ E., Mean

Mag. decl. $14^{\circ} 29'$ E.

Thence S. $62^{\circ} 38'$ E.

Over level bottom land, thru dense scrub oak, mesquit and catclaw.

Over unlisted land.

1.25 Wash, 30 lks. wide, 2 ft. deep, (dry) course N. 70° E.

1.38 Ranch road, bears N. and S.

4.00 Cor. H/3 of the list survey, a sandstone 12 x 9 x 8 ins.

THE TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains set in mound of stone marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Leave unlisted and enter listed land.

8.03 To Cor. No. 2. Deposit a porphyry stone 4 x 3 x 1 ins. marked with a + 14 ins. in the ground, over which set a grey sandstone 22 x 14 x 9 ins. (no longer stone available), chiseled + for the point and 2 H E S 558 on W. face; raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A catclaw 12 ins. dia., brs. S. 57° 22' W.,
326 lks. dist.

A catclaw 6 ins. dia., brs. S. 4° 48' W.,
161 lks. dist.

Each blazed and scribed 2 H E S 558 + B T
Cor. H/4 of the list survey, a sandstone
12 x 8 x 4 ins. above ground, marked and
witnessed as described by the Forest Ser-
vice, bears S. 62° 38' E., .4.03 chs. dist.

I destroy all trace of this list cor.

Thence S. 16° 04' W.

Along left bank of Campaign Creek Wash, thru dense scrub oak, catclaw and mesquit.

13.02 Campaign Creek Wash, 220 lks. wide, banks 3 ft. high, (dry), course N. 30° E.

Thence over level bottom land.

42.75 To Cor. No. 3. Identical with Cor. H-1 of the list survey, which is a sandstone 10 x 6 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a sandstone 5 x 4 x 2 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins.

Chains dia., 36 ins. long, with brass cap marked 1919 on S. rim, and 3 H E S 558 in NW. quadrant; raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor., whence:

A mesquit 8 ins. dia., brs. N. 17° 04' W., 48 lks. dist.

A black willow 14 ins. dia., brs. S. 85° 49' W., 14 lks. dist.

Each blazed and scribed 3 H E S 558 + B T

Thence N. 62° 26' W. Over level land.

1.40 Wash, 50 lks. wide, 1 ft. deep, (dry), course N.

2.19 Wire fence, bears N. and S.

4.21 Campaign Creek Wash, 91 lks. wide, banks 3 ft. high, (dry) course N. Ascend 30 ft. over SE. slope.

7.25 Top of asc. on small spur, bears NE. Cor. of fence, fences bear N. and E. Desc. 30 ft. over NW. slope

11.57 Wash, 35 lks. wide, banks 2 ft. high (dry), course N. 15° E. Bottom of desc. Asc. 25 ft. over SE. slope.

14.78 To Cor. No. 4.

Identical with Cor. H-2 of the list survey, which is a sandstone 10 x 5 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a sandstone 4 x 3 x 2 ins. marked with a + 16 ins. in the ground, over which set a sandstone 26 x 12 x 10 ins. chiseled + for the point and 4 H E S 558 on E. face; raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A catclaw 10 ins. dia., brs. N. 70° 05' E., 365 lks. dist., blazed and scribed 4 H E S. 558 + B T

No other witnesses available. Pits impracticable.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains / Thence N. 25° 10' E.
 Along rolling SE. slope, over unlisted land.
 18.02 Wire fence, bears N. 12° E. and S. 12° W.
 30.36 Wire fence, bears N. 75° W. and S. 75° E.
 41.07 Wash, 25 lks. wide, banks 2 ft. high, (dry) course
 S. 70° E.
 41.92 To Cor. No. 1, the place of beginning.

February 28, 1919.

AREA

Listed Area, - - - - - 37.85 Acres.
 Unlisted Area - - - - - 9.93 Acres.
 Total Area - - - - - 47.78 Acres.

IMPROVEMENTS

The improvements made upon and for the benefit of this claim and belonging to the claimant, consist of the following:

A frame house 40 x 40 ft., sides extending N. and S., the SW. cor. of which bears N. 79° 05' E., 11.09 chs. dist. from cor. No. 4,

Value - - - - - \$1,000.00

A frame barn 35 x 37 ft., the long sides extending E. and W., the SW. cor. of which bears N. 57° 28' E., 18.37 chs. dist., from cor. No. 4,

Value - - - - - \$ 250.00

A double pole corral 60 x 120 ft., the long sides extending N. 20° E. and S. 20° W., the SW. cor. of which bears N. 45° 01' E., 14.46 chs. dist. from Cor. No. 4,

Value - - - - - \$ 75.00

Chains

An 80 ft. well, with gasoline pump, steel tower and galvanized iron tank 8 x 10 ft., the center of tank bears N. 81° 57' E., 10.93 chs. from Cor. No. 4,

Value - - - - - \$ 750.00

Approximately 1-1/4 miles of barbed wire fencing,

Value - - - - - \$ 250.00

Approximately 150 cu. yds. stone diversion wier and rip-rap along bank of Campaign Creek, to prevent washing of land,

Value - - - - - \$ 450.00

DESCRIPTION

The claim is comprised mainly of bottom land along Campaign Creek. The soil is a sandy loam about 3 ft. deep, very fertile and will produce good crops with irrigation.

Water for domestic use, for watering cattle and to irrigate 8 to 10 acres of land is obtained from the well on the claim.

The claim is principally valuable for a stock headquarters ranch and is being used as such.

There is no timber of commercial value on the claim.

I saw no indications of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Roosevelt, Arizona, the nearest Postoffice, is about 11 miles in a Northwesterly direction. (Claimant's postoffice address is Globe, Arizona.)

TONTON NATIONAL FOREST
ARIZONA
STATE OF

Chains

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 62° 38' E.	8.03		3.69	7.13	
S. 16° 04' W.	42.75		41.08		11.83
N. 62° 26' W.	14.78	6.84			13.10
N. 25° 10' E.	41.92	37.94		17.83	
	107.48	44.78	44.77	24.96	24.93
		44.77		24.93	
Error in Lat. and Dep.		.01		.03	

Closing Error, 1:3399

Survey completed March 1, 1919.

Maubert
Surveyor - Forest Service,

264

HOMESTEAD ENTRY SURVEY NO. 100

NATIONAL FOREST

STATE OF

Chains

38.00	31.7	30.0	30.0	30.0	100.00
38.00		30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00
38.00	31.7	30.0	30.0	30.0	100.00

999:1, total chains

999:1, total chains

38.00 31.7 30.0 30.0 30.0 100.00

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. 558, STATE OF ARIZONA

8-2149

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	S. 62-38 E.	8.03		3 69	7 13		42 77			157 82	
2 - 3	S. 16-04 W.	42.75		41 08		11 83	38 05			1563 47	
3 - 4	N. 62-26 W.	14.78	6 84			13 10	13 10	89 60			
4 - 1	N. 25-10 E.	41.92	37 94		17 83		17 82	676 09			
		107.48	44 78	44 77	24 96	24 93		765 69		1721 29	
			44 77	44 78	24 93	24 95				765 69	
	Error in Lat. and Dep.		.01		.03					20/955 60	
	Closing Error 1:	3399								47 78	Acres. I. S.
	TRAVERSE OF UNLISTED AREA										
	N. 25-10 E.	41.92	37 94		17 83		17 83	676 47			
	S. 62-38 E.	4.00		1 84	3 55		39 21			72 15	
	S. 30-38 W.	41.96		36 10		21 38	21 38			771 82	
		87.88	37 94	37 94	21 38	21 38		676 47		843 97	
			37 94		21 38					676 47	
										20/167 50	
										8 38	Acres. I. S.
										1 55	" in road exempted from list
										9.93	"

265
10

March 1, 1919

I, Luther M. Jackson hereby agree to
the survey of my homestead, Number 558 as made on
1st day of March 1919, by Forest
Service Surveyor Frank D. Yost,
and further agree that when notified that the survey
has been approved and before attempting to make final
proof on my entry, I will apply for amendment of the
same to conform with said survey.

The changes made by the surveyor are moving the
two north corners approximately four chains toward the
west to exclude a dry sandy river wash and to include
agricultural land which was excluded from the list sur-
vey thru error.

(Sgd.) Harold H. Longfellow,
Witness

(Sgd.) Luther M. Jackson,
Claimant.

APPROVAL


Office of the United States Surveyor General,

Phoenix, Arizona, May 10, 1920

The foregoing field notes of Homestead Entry Survey No.

558

executed by Frank D. Gost, Surveyor [Forest Service Title.]
under his special instructions, dated Feb. 15, 1918, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.


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.

FRANK P. TROTT

U. S. Surveyor General.

