FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 558
SITUATED IN THE
TONTO
NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 5.
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.
List No. 3-3546, dated April 6, 1915.

Applicant for survey
Luther M. Jackson,
Residence
Globe, Arizona.

Land Office
Phoenix, Arizona.

Survey executed by Frank D. Yost, Surveyor-Forest Service (Forest Service 1913).
Survey completed March 1, 1916.
OATH OF ASSISTANTS

We hereby certify that we assisted
Frank D. Yost, in surveying all those
Surveyor - Forest Service,
(Place Service Title)

parts or portions of Homestead Entry Survey No. 559, 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. Brandenburg
Chairman

H. N. Longfellow
Chairman

Subscribed and sworn to before me this 6th day of August, 1919.

Frank D. Yost,
Surveyor - Forest Service.

OATH OF SURVEYOR

I, Frank D. Yost, Surveyor - Forest Service,
(Place Service Title)
do solemnly swear, that I have
February 15, 1916, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract of
embraced in List No. 5-3546, dated April 6, 1915; and also a tract of
unlisted land upon the application of Luther W. Jackson,

Application, No. 502, dated July 28, 1914, for Listing and Patent, under the Act of June 11, 1906,

situated within the

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

unsurveyed Section 19, Township 3 N., Range 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

Surveyor - Forest Service,
(Place Service Title)

Subscribed and sworn to before me this fifth day of November, 1919.

G.H. Myers
Notary Public.

My commission expires March 17, 1921.
HOMESTEAD ENTRY SURVEY NO. 558
Tonto National 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.
All distances are horizontal, and were reduced from measurements made directly on the slope with a 600 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° 31' 45" from star to right to a reference mark 1/4 mile distant.

Reef. 35° 36' 02" N., Long. 111° 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° 00' 45" W.
Bearing of reference mark, S. 8° 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° 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, 2h 15.9m

Azimuth of Polaris, 1° 01' 30" W.
Bearing of reference mark, S. 8° 29' 15" E.

The two obsns. give a mean bearing of reference mark as S. 8° 29' 08" E. I accept bearing of reference mark as S. 8° 29' E. and to the corresponding meridian.
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., approximatively 25 miles.

Azttec Peak on Baker Mtn. bears N. 31° 28' E., approximately 15 miles.

Arner 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.
HOMESTEAD ENTRY SURVEY NO. 558

TOYO NATIONAL FOREST

STATE OF ARIZONA

Chains

Round Mtn. bears N. 46° 26' E., approx-imately 4 miles.

March 1, 1919.

BORDURE 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° 08' E., 110 lms. dist.

A 12 in. mesquit bears N. 44° 24' E., 107 lms. dist.

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

U.S. L. M.No. 558 H. E. S., heretofore descri-
bond as a mesquit bears N. 18° 16' E., 14.45 obs.
dist. by direct measurement.
Lat. 33° 35' 53" N., Long. 110° 03'. 32" W., from special
instructions from the Surveyor General and later ver-
ified.

Mag. decl. at 8 a.m. is 14° 30'. 2E., Mean
Mag. decl. 14° 29' E.

Thence S. 42° 38' E.

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

Over unlisted land.

1.25 Wash, 30 lms. 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.
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.

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° 46' W.,
161 lks. dist.

Each blazed and scribed 2 H E S 558 + B T
Cor. H/4 of list survey, a sandstone 12 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service, 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.

Campaign Creek Wash, 220 lks. wide, banks 3 ft. high, (dry), course N. 30° E.
Thence over level bottom land.

To Cor. No. 3.
Identical with Cor. H-1 of 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.
HOMESTEAD ENTRY SURVEY NO. 558
TONTO NATIONAL FOREST
STATE OF ARIZONA

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. 170 04' W.,
48 lks. dist.

A black willow 14 ins. dia., brs. S. 850 49' W.,
14 lks. dist.

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

Thence N. 620 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 SW. 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. 150 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 25 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 catalaw 10 ins. dia., brs. N. 700 05' E.,
365 lks. dist., blazed and scribed 4
H E S 558 + E T

No other witnesses available. Fits impracticable.
HOMESTEAD ENTRY SURVEY NO. 568

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Thence N. 25° 10' E.
Along rolling SE. slope, over unlisted land.

18.08 Wire fence, bears N. 12° E. and S. 12° W.

30.36 Wire fence, bears N. 76° W. and S. 76° E.

41.07 Wash, 25 lbs. 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, - - - - - - - - - - - - - - - - - - - - - 37.05 Acres.
Unlisted Area - - - - - - - - - - - - - - - - - - - - - - - 9.22 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. 61° 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 weir 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 head-quarters 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.)
### TRAVERSES

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Closing Error, 1:3399

Survey completed March 1, 1919.

Surveyor - Forest Service,
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<th>N. AREAS</th>
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Error in Lat. and Dep. .01 .03
Closing Error: 3399

TRaverse of Unlisted Area

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20/955 60 Acres. E. S.
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 survey thru error.

(Sgd.) Harold H. Longfellow, (Sgd.) Luther M. Jackson,
Witness Claimant.
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 10, 1928

The foregoing field notes of Homestead Entry Survey No.

558

executed by Frank D. Jost, Surveyor

under his special instructions, dated Feb. 15, 1928, 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. TROT

U. S. Surveyor General.