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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

HOMESTEAD ENTRY SURVEY NO. 640

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 24 , un-surveyed, Township 6 N. , Range 12 E.
In Section 19 , un-surveyed, Township 6 N., Range 13 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 Ed L. Gilson,

Residence Roosevelt, Arizona.

H. E. No. , dated , 19

Land Office Phoenix, Arizona

Survey executed by F. L. Kirby, Deputy Forest Supervisor,
[Forest Service Title.]

Under special instructions dated October 24 , 1923

Survey commenced February 8 , 1924

Survey completed February 10 , 1924

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



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OATH OF ASSISTANTS

We hereby certify that we assisted **F. L. Kirby,**
Deputy Forest Supervisor, in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **640**, 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.

Guy R. ... Chainman

Subscribed and sworn to before me this **10th** day of
February, 1924.

F. L. Kirby
Deputy Forest Supervisor.

OATH OF SURVEYOR

I, **F. L. Kirby,** Deputy Forest Supervisor,
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
October 24, 1923, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract
of land upon the application of **Ed L. Gilson,**

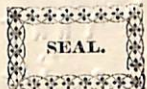
, No. , dated , 19 , for
Listing and patent , under the Act of June 11 , 1906 ,
the same to be known as Homestead Entry Survey No. **640** ,
situated within the **Tonto** National Forest, in
un-surveyed Section **24** , Township **6 N.** , Range **12 E.** , and
un-surveyed Section **19** , Township **6 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

F. L. Kirby
Deputy Forest Supervisor.
[Forest Service Title.]

Subscribed and sworn to before me this **28th** day of
April, 1924.

Rose A. Cummings
Notary Public.



8-2349

My commission expires:
January 25 - 1926.

Chains

Surveyed a tract of land upon the application of Ed L. Gilson; for listing and patent.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 24, 1923, and designated as Homestead Entry Survey No. 640.

Situated in unsurveyed Sec. 24, T. 6 N., R. 12 E., and unsurveyed Sec. 19, T. 6 N., R. 13 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

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

Survey commenced February 8, 1924, and executed with an A. Lietz transit No. 6384, equipped with Saegmuller 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 500 link steel tape. The slope angles were determined with a clinometer.

February 8, 1924.

At my station, which is S. $14^{\circ}00'$ E. approximately 15 chains from the $1/4$ Cor. between Secs. 19 and 24, T. 6 N., Rs. 12 and 13 E., hereinafter described, in Latitude $33^{\circ}50'34''$ N., Longitude $111^{\circ}03'55''$ W., from Forest Service Base Map., I observe Polaris at western elongation at 10h. 15m. p.m., l.m.t., with telescope direct, reading an angle of $33^{\circ}09'30''$ from star to reference mark. Reference mark east of star.

At same station at 10h. 19m., l.m.t., I again observe Polaris at western elongation with telescope reversed, reading an angle of $33^{\circ}09'45''$ to same reference mark.

Chains

Mean angle star to reference mark $33^{\circ}09'38''$ Azimuth of Polaris at obsn. $1^{\circ}19'08''$ Bearing of reference mark N. $31^{\circ}50'30''$ E.

From the meridian thus determined, all the courses of this survey were deflected by sustained angulation.

February 8, 1924.

RETRACEMENT

February 9, 1924.

Beginning at the 1/4 Cor. between Secs. 24 and 19, T. 6 N., Rs. 12 and 13 E., which is a brown diabase or granite stone showing 6x10x8 ins. above ground, chiseled 1/4 (the figure 4 being backward), on the W. face; mound of stones 4 ft. base, 2 ft. high W. of 1/4 Cor. No witnesses.

Thence S. $0^{\circ}02'$ W. on a true line between Secs. 19 and 24, for Cor. of Secs. 19, 24, 25 and 30, on which flag is plainly visible.

39.86 Cor. to Secs. 24, 25, 19 and 30, a red sandstone showing 10x10x8 ins. above ground, chiseled 2 notches on south edge and 4 notches on north edge; mound of stones 2-1/2 ft. base, 1-1/2 ft. high W. of Cor.

BOUNDARIES OF CLAIM

February 9, 1924.

Beginning at Cor. No. 1 and Closing Cor. on line between Secs. 19 and 24.

Deposit a blue granite stone 4x5x5 ins. chiseled + 20 ins. in the ground, over which set a blue granite stone 32x20x6 ins., chiseled + for point, CC on SW. and 1 HES 640 on South; raise a mound of stones 4 ft. base, 3 ft. high SW. of Cor. on Closing line, whence:

A cedar tree 14 ins. dia. brs. N. $36^{\circ}00'$ E.
185 lks. dist.

Blazed and scribed 1 HES 640 CC + BT.

Chains

No other suitable witness available within the prescribed distance.

The 1/4 Cor. between Secs. 19 and 24, heretofore described, bears N. 0°02' E. 34 lks.

The observed magnetic declination at Cor. No. 1 at 2 p.m. was 14°10' E., which corrected for diurnal change, gives a mean magnetic declination of 14°12' E.

Lat. 33°50'43" N., Long. 111°03'57" W., from Forest Service Base Map.

Thence N. 48°27' E.

2.50 Center of sand wash 1 chain wide, 5 ft. banks, course S. 60° E. Thence along rocky hillside.

30.16 To Cor. No. 2.

Point for Cor. falls on a red sandstone in place, showing 3x4x2-1/2 ft. above ground, chiseled + on top for point and 2 HES 640 on the S. face; raise a mound of stone 4 ft. base and 3-1/2 ft. high S. of Cor., whence:

A cedar tree 4 ins. dia. brs. N. 49°40' E.
17 lks. dist.

A cedar tree 10 ins. dia. brs. S. 20°20' E.
101 lks. dist.

Each tree blazed and scribed 2 HES 640 + BT.

Thence S. 26°00' E.

Descend 45 ft. to flat.

3.50 Bottom of descent. Thence over level land.

5.50 Ditch, course S. 50° W.

10.60 W. bank Salome Creek, 3 ft. bank.

11.35 Center Salome Creek, running water, 30 lks. wide, 10 ins. deep, course S. 55° W.

11.70 E. bank Salome Creek, 10 ft. bank.

Ascend 65 ft.

13.35 Top of ascent.

Chains
14.97

To Cor. No. 3.

Point for Cor. falls on a red sandstone in place showing 2x2 ft., 4 ins. above ground, flat on top; I chisel stone + for point and 3 HES 640 on top; raise a mound of stone 3 ft. base 2 ft. high W. of Cor., whence:

An oak tree 6 ins. dia. brs N. 78°08' W.

93 lks. dist.

An oak tree 5 ins. dia. brs. N. 18°05' W.

105 lks. dist.

Each tree blazed and scribed 3 HES 640 + BT.

Thence S. 50°31' W.

Ascend 15 ft. along hillside sloping NW.

18.00 Top of ascent. Descend 85 ft.

23.65 Arroyo 100 lks. wide, 4 ft. banks, course N. 58°00' W.

Ascend 25 ft.

33.70 Top of ascent. Descend 65 ft.

37.77 To Cor. No. 4 and Closing Cor. on line between Secs. 19 and 24.

Deposit a red sandstone 2x6x8 ins., chiseled +, 16 ins. in the ground, over which set a red sandstone 24x18x3 ins. I chisel + on top for point, CC on NE. and 4 HES 640 on N., and raise a mound of stone 4 ft. base, 2-1/2 ft. high NE. of Cor. on Closing line, whence:

A sycamore tree 14 ins. dia. brs. N. 29°04' W.

198 lks. dist.

A cedar tree 12 ins. dia. brs. S. 76°00' W.

132 lks. dist.

Each tree blazed and scribed 4 HES 640 CC + BT.

1/4 Cor. between Secs. 19 and 24, previously described bears N. 0°02' E. 17.83 chs.

The Cor. to Secs. 24, 25, 19 and 30, previously described, brs. S. 0°02' W. 22.03 chs.

February 9, 1924.

Chains	February 10, 1924.
	Thence S. 53°38' W.
	Along edge of hill.
15.00	Begin ascent of 10 ft.
19.31	To Cor. No. 5.
	Deposit a red sandstone 2x4x6 ins., chiseled + 16 ins. in the ground, over which set a blue granite stone 26x24 x5 ins., chiseled + for point and 5 HES 640 on N. face; raise a mound of stones 4 ft. base, 3 ft. high N. of Cor., whence:
	A hackberry tree 6 ins. dia. brs. N. 86°32' W. 17 lks. dist.
	A sycamore tree 24 ins. dia. brs. N. 14°13' E. 102 lks. dist.
	Each tree blazed and scribed 5 HES 640 + BT.
	Thence N. 47°22' W.
	Descend 30 ft.
1.20	Bottom of descent; thence over level land.
2.10	E. bank Salome Creek, 4 ft. bank.
2.25	Center of Salome Creek, running water, 20 lks. wide, 12 ins. deep, Course SW.
3.50	W. bank Salome Creek, 15 ft. bank. Ascend 45 ft.
4.59	To Cor. No. 6.
	Point for Cor. falls on a blue granite stone in place showing 2x6x1/2 ft. above ground, with flat face on top; 1 chisel + for point and 6 HES 640 on top; raise a mound of stones 3-1/2 ft. base, 2-1/2 ft. high, E. of Cor., whence:
	A cedar tree 3 ft. dia. brs. S. 44°30' W. 18 lks. Blazed and scribed 6 HES 640 + BT. No other suitable witness available.

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HOMESTEAD ENTRY SURVEY NO. 640

TONTO NATIONAL FOREST

6.

STATE OF ARIZONA

Chains	Thence N. 36°18' E. Descend 40 ft.
2.00	Center of ravine 25 lks. wide, 6 ft. banks, course S. 50° E.
2.60	W. bank Salome Creek, 3 ft. bank, course S. 11° W.
3.80	Center of Salome Creek, running water, 40 lks. wide, 6 ins. deep, course S. 14° W.
7.20	E. bank Salome Creek, 2 ft. bank, course S. 14° W. Thence along edge of brushy, rocky flat.
16.80	E. bank Salome Creek, 3 ft. bank, course S. 60° W.
20.15	Center Salome Creek, running water, 30 lks. wide, 6 ins. deep course S. 67° W.
20.40	W. bank Salome Creek at base of hill, course S. 67° W. Ascend 40 ft.
25.00	To rock ledge. Thence ascend 65 ft. along rocky hillside sloping SE.
32.01	To Cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 68.03 acres

IMPROVEMENTS

The only improvements on this claim are two ditches, totaling about 280 rods.

Value - - - - - \$350.00

GENERAL DESCRIPTION

The claim is situated on what is known as Salome Creek, which flows into the Salt River end of Roosevelt Lake; it is surrounded by broken mountainous country. The elevation is approximately 3900 ft. The agricultural portion consists of five small patches of bottom lands lying along Salome Creek and totaling approximately 18 acres. The soil is a rich, sandy loam and capable of producing practically all crops raised in the southwest.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Water can be procured the year around for irrigation from Salome Creek.

Its main value is for farming purposes.

There is no merchantable timber on the claim.

There are no indications of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Roosevelt, Arizona, the nearest postoffice and trading point, is 15 miles south from the claim.

Survey completed February 10, 1924.

F. L. Kirby
Deputy Forest Supervisor.

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HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Chains	<p style="text-align: center;">STATE OF</p> <p style="text-align: center;">NATIONAL FOREST</p> <p style="text-align: center;">HOMESTEAD ENTRY SURVEY NO.</p>
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C O P Y

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February 10, 1924.

I, Ed Gilson, hereby agree to the survey of my homestead, number 640, as completed on February 10, 1924, by Forest Service Surveyor F. L. Kirby, 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.

(Sgd.) Guy B. Rencher

Witness

(Sgd.) Ed L. Gilson

Claimant

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- 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. 640, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	N. 48°27' E.	30.16	20 00		22 57		60 47	1209 40			
2 - 3	S. 25°00' E.	14.97		13 45	6 56		89 60			1205 12	
3 - 4	S. 50°31' W.	37.77		24 02		29 15	67 01			1608 91	
4 - 5	S. 53°39' W.	19.31		11 45		15 55	22 31			255 45	
5 - 6	N. 47°22' W.	4.59	3 11			3 38	3 38	10 51			
6 - 1	N. 36°18' E.	32.01	25 80		18 95		18 95	488 91			
		138.81	48 91	48 92	48 08	48 08		1708 82		3069 48	
				48 91		48 08				1708 82	
	Error in Lat. & Dep.			01		00				20/1360 66	
	Closing error 1/13881									68 03 acres	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, July 18 , 1924

The foregoing field notes of Homestead Entry Survey No.

640

executed by F. L. Kirby, Deputy Forest Supervisor [Forest Service Title.]
under his special instructions, dated October 24 , 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.