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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 624

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 19 , - surveyed, Township 12 N. , Range 10 E.

ORIGINAL

of the

Gila & Salt River Base and Meridian.

State of

Arizona

Applicant for listing John Ericson,
 Residence Payson, Arizona
 Application No. 139 , dated December 22 , 19 07
 List No. 3-9 , dated December 16 , 19 08

Applicant for survey George Stewart,
 Residence Payson, Arizona.
 H. E. No. 039245 , dated April 9 , 19 18
 Land District Office Phoenix, Arizona

Survey executed by F. L. Kirby, - Deputy Supervisor,
[Forest Service Title.]
 Under special instructions dated August 2 , 19 21
 Survey commenced September 13 , 19 21
 Survey completed September 15 , 19 21
 Under Acts of June 11, 1906, and March 3, 1921.

1.0

OATH OF ASSISTANTS

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

parts or portions of Homestead Entry Survey No. 624, 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.

George Stewart

Chainman.

Subscribed and sworn to before me this 15th day of September, 19 21 .

F. L. Kirby

Deputy Supervisor.

OATH OF SURVEYOR

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

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for **Arizona**, dated August 2, 1921, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land for amendment of

List, No. 3-9, dated December 16, 1908, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 624, situated within the Tonto National Forest, in - surveyed Section 19, Township 12 N., Range 10 E., and - surveyed Section ---, Township ---, Range ---,

of the Gila & 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.

F. L. Kirby

Deputy Supervisor.

[Forest Service Title.]

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

Clayton

Notary Public.



8-2349

My commission expires *March 21, 1924.*

HOMESTEAD ENTRY SURVEY NO. 624

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, John Ericson; Application No. 139, dated December 22, 1907; List No. 3-9, dated December 16, 1908; H. E. 039245, made in the Phoenix Land Office on April 9, 1918, by George Stewart.

A metes and bounds survey was resorted to in this case in accordance with the desire of the entryman, in order to include all possible agricultural land intended to be embraced in the original listing, while excluding forest land.

This survey will be used as a basis for amendatory listing and entry.

Copy of a signed statement from the entryman, agreeing to the changes, is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 2, 1921, and designated as Homestead Entry Survey No. 624.

Situated in Sec. 19, T. 12 N., R. 10 E., (Surveyed and Accepted), Gila and Salt River Base and Meridian, within the Tonto National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, and March 3, 1921.

Survey commenced September 13, 1921, and executed with an A. Lietz transit No. 6384, 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.

Chains September 13, 1921.

At my station, which is S. 75°46' E. 2.21 chains from Cor. No. 1, in Lat. 34°24'27" N., Long. 111°19'56" W., from Forest Service Base Map, I observe Polaris at eastern elongation at 8 h. 9 m., 1.m.t., telescope direct, reading an angle of 8°25' from star to reference mark, about 10 chs. distant. Star west of reference mark.

At same station at 8 h. 13 m., p.m., 1.m.t., I again observe Polaris at eastern elongation with telescope reversed, reading an angle of 8°24'45" to same reference mark.

Mean angle star to reference mark 8°24'52"
Azimuth of Polaris at obsn. 1°21'13"
Bearing of Reference Mark N. 9°46'05" E.

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

September 13, 1921.

BOUNDARIES OF CLAIM

September 14, 1921.

Beginning at Cor. No. 1.

Deposit a red sandstone 3x8x8 ins., marked with a + 26 ins. in the ground, over which set an iron post 2 ins. in diameter, 36 ins. long, with brass cap, marked 1921 on S. rim and 1 HES 624 in quadrant facing claim; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A pine tree 10 ins. dia. brs. N. 67°27' E.

7 lks. dist.

A pine tree 12 ins. dia. brs. S. 7° E.

21 lks. dist.

Each tree blazed and scribed 1 HES 624 + BT.

Chains

The 1/4 Cor. between Secs. 19 and 30, T. 12 N., R. 10 E.,
a reddish sandstone 5 x 10 ins., showing 6 ins. above
surface, marked 1/4 on N. face, bears S. 52°46' W. 12.27 chs.
distant, by direct measurement.

Lat. 34°24'27" N., Long. 111°19'58" W., from Forest
Service Base Map.

The observed magnetic declination at 10 A.M. is 15°12'
E.; which, corrected for diurnal change, gives a mean
magnetic declination of 15°11' E.

Thence N. 10°53' W.

Along hillside covered with brush and pine reproduction.

4.50 Fence Cor. 25 lks. to E. Fences bear NNW. and ESE.

12.00 Dry wash 30 lks. wide, 2 ft. banks, course S. 50° E.

13.25 Fence bears N. 60° W. and S. 60° E.

13.62 To Cor. No. 2.

Deposit a red sandstone 3x5x6 ins., marked with a + 20
ins. in the ground, over which set a red sandstone
30x5x14 ins. chiseled + for the point and 2 HES 624 on
E. face; raise a mound of stone 2 ft. base, 1-1/2 ft.
high E. of Cor., whence:

A pine tree 6 ins. dia. brs N. 61°30' E.
25 lks. dist.

A juniper tree 12 ins. dia. brs. S. 73°
45' E. 59 lks. dist.

Each tree blazed and scribed 2 HES 624 + BT.

Thence N. 7°14' E.

Along gently sloping hillside covered with western
yellow pine reproduction and brush.

6.40 Fence, bears N. 11°30' E. and S. 11°30' W.

21.75 Drift fence bears N. 3° E. and S. 3° W.

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Chains
28.10

To Cor. No. 3.

Deposit a red sandstone 4x10x12 ins., marked with a + 26 ins. in the ground, over which set an iron post 2 ins. in diameter 36 ins. long, with brass cap stamped 1921 on S. rim and 3 HES 624 in quadrant facing the claim; raise a mound of stone 3 ft. base, 2 ft. high SE. of Cor., whence:

An oak tree 16 ins. dia. brs. N. 89°15' E.

35 lks. dist.

A walnut tree 20 ins. dia. brs. S. 25°45' E.

50 lks. dist.

Each tree blazed and scribed 3 HES 624 + BT.

September 14, 1921.

September 15, 1921.

Thence N. 87°10' E.

1.05 Bray Creek, 20 lks. wide, 3 ft. banks, running water 4 ins. deep, 4 lks. wide, course S. 10° E.

2.10 Base of hill. Ascend 25 ft. over W. slope.

3.09 To Cor. No. 4.

A brown sandstone outcropping in place, showing 6x4x3 ft. above surface; chiseled + for the point and 3 HES 624 SW. of point; whence:

A pine tree 5 ins. dia. brs. S. 67°30' W.

11 lks. dist.

An oak tree 5 ins. dia. brs. N. 32°45' W.

12 lks. dist.

Each tree blazed and scribed 4 HES 624 + BT.

Thence S. 2°07' E.

Along brushy, rocky hillside. Descend gradually 25 ft.

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Chains	
5.35	Fence bears E. and W.
24.10	Fence bears N. 6° E. and S. 6° W.
33.30	Dry wash, 30 lks. wide, 3 ft. banks, course S. 65° W.
42.90	To Cor. No. 5.
	Deposit a red sandstone 3x4x6 ins. marked with a + 16 ins. in the ground, over which set a red sandstone 8x16x26 ins., chiseled + for the point and 5 HES 624 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of Cor., whence:
	A pine tree 8 ins. dia. brs. N. 8°15' E.
	31 lks. dist.
	An oak tree 18 ins. dia. brs. S. 82° E.
	4 lks. dist.
	Each tree blazed and scribed 5 HES 624 + BT.
	Thence N. 75°46' W.
2.35	Road bears N. and S.
2.80	Begin descent of 30 ft. over W. slope.
3.90	Bray Creek, 20 lks. wide, 6 ft. banks, course S. 8° W., running water 6 ins. deep, 8 lks. wide. Bottom of descent.
4.25	Base of hill. Ascend 35 ft. over E. slope.
5.83	To Cor. No. 1, the place of beginning.

AREA

Total area - - - - - 24.31 acres

IMPROVEMENTS

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

A one-room log house 14x18 ft., shake roof, 6x18 ft. porch attached; rock walled cellar under house. The

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STATE OF ARIZONA

Chains

long side of this house extends east and west, and the SW. Cor. bears N. 23° E. 9.35 chs. from Cor. No. 1.

Value - - - - - \$200.00

Barn made of poles, logs and shakes, 34x46 ft., the long side of which extends east and west, and bears N. 23°30' E. 10.25 chs. from Cor. No. 1.

Value - - - - - \$250.00

Fencing 280 rods, barbed wire.

Value - - - - - \$250.00

GENERAL DESCRIPTION

The claim is situated about 2 miles south of (below) the Mogollon Mountain rim, on a small mountain creek which flows most of the year; this stream is locally known as Bray Creek and is a tributary of Webber Creek, which in turn flows into the East Verde River. The area is small patches of bottom land divided by Bray Creek. It is surrounded by moderately steep hillsides covered with Pine timber. The elevation is approximately 5800 ft. The agricultural portion, comprising approximately 11 acres, is gently sloping, of rich alluvial composition and suitable for producing practically all crops, but especially adapted to potatoes, corn, beans, fruit and garden truck. Water for irrigation is available and the land is suitable for intensive cultivation. The general slope and drainage is to the south. Water for domestic use is obtained from Bray Creek.

There is approximately 7 M. B.M. ft. of pine, oak and juniper timber on the tract. The timber is suitable only for cordwood.

There is no indication of any mineral on the claim.

Payson, the nearest town, about 100 population, is 18

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miles distant in a southerly direction, accessible by
a very poor wagon road.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Survey completed September 15, 1921.

F. Kirby

Deputy Supervisor.

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HOMESTEAD ENTRY SURVEY NO. 07

TERRETT COUNTY NATIONAL FOREST

STATE OF MISSOURI

Chains

SECTION 36, TOWNSHIP 36N, RANGE 10E, MO. CO., MO.

BEING PART OF THE NATIONAL FOREST, TERRETT COUNTY, MISSOURI.

AS SHOWN ON THE PLAT OF THE SURVEY OF SAID SECTION, MADE BY THE U.S. GEOLOGICAL SURVEY, AND RECORDED IN BOOK 10, PAGE 100, OF THE PUBLIC LANDS RECORDS OF SAID COUNTY, MISSOURI.

AND BEING THE SAME AS SHOWN ON THE PLAT OF THE SURVEY OF SAID SECTION, MADE BY THE U.S. GEOLOGICAL SURVEY, AND RECORDED IN BOOK 10, PAGE 100, OF THE PUBLIC LANDS RECORDS OF SAID COUNTY, MISSOURI.

AND BEING THE SAME AS SHOWN ON THE PLAT OF THE SURVEY OF SAID SECTION, MADE BY THE U.S. GEOLOGICAL SURVEY, AND RECORDED IN BOOK 10, PAGE 100, OF THE PUBLIC LANDS RECORDS OF SAID COUNTY, MISSOURI.

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COPY

September 15, 1921.

I, George Stewart, hereby agree to the survey of my homestead, H.E.S. No. 624, as made on the 14th and 15th days of September, 1921, by Deputy Supervisor 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.

The changes made by the surveyor are adjustment from legal subdivision description to a metes and bounds description, so as to include all agricultural land and exclude practically all land which is not suitable for farming.

(Sgd.) George Stewart,
Claimant.

(Sgd.) F. L. Kirby,
Witness.

- 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. 624, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	N. 10°53' W.	13.62	13 38			2 57	2 57	34 39			
2 - 3	N. 7°14' E.	28.10	27 88		3 54		3 54	98 73			
3 - 4	N. 87°10' E.	3.09	15		3 09		10 17	1 52			
4 - 5	S. 2°07' E.	42.90		42 87	1 58		14 85			636 32	
5 - 1	N. 75°46' W.	5.83	1 43			5 65	10 79	15 43			
		93.54	42 84	42 87	8 21	8 22		150 07		636 32	
Error in Lat. & Dep. /				42 84		8 21				150 07	
Closing error 1/2958				03		01				20 / 486 25	
										24 31 acres	ET

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APPROVAL


Office of the United States Surveyor General,

Phoenix, Arizona, Nov. 27, 1923

The foregoing field notes of Homestead Entry Survey No.

624

executed by *F. L. Kirby, Deputy Supervisor* [Forest Service Title.]
under his special instructions, dated *August 2*, 1921, 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.