U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

FIELD NOTES

SER4-1917 Non-27818 MAI-21918

OF

HOMESTEAD ENTRY SURVEY NO. 453

SITUATED IN THE

SITGREAVES

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 31 , unsurveyed, Township 10 N., Range 23 E.

In Section 32 , unsurveyed, Township 10 N., Range 23 E.

of the

Gila and Salt River Base and Meridian.

State of

ARI ZONA

Applicant for listing C. H. Frost,

Residence Showlow, Arizona , 1910 216 × 415 × , dated Application No. July 22 , 1912 , dated Application No. November 25 , 1911 List No. 3-1281 May 5 , dated , dated , 1913 3-2355 List No. March 7

Applicant for survey Charles H. Frost,

Residence Showlow, Arizona
H. E. No. 016573 , dated January 31 , 1912 /
H. E. No. 024517 , dated March 2 , 1914 /

Office

Land District

Phoenix, Arizona

Survey executed by R. P. A. Johnson, Surveyor - Draftsman [Forest Service Title.]

Under special instructions dated April 17 , 1916

Survey commenced August 7 , 1916

Survey completed August 9 , 1916

Under Acts of June 11, 1906 and July 31, 1916

[OVER]

OATH OF ASSISTANTS
We hereby certify that we assisted I. I. Johnson
Luweyor Graftsman in surveying all those
parts or portions of Homestead Entry Survey No. 453, in the State
of Augora 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 Augona
-1 17/
Note: It would have been felant flourman, Chainman
very expensive and incon- venient to appear before an
officer to administer oaths
to Assistants; hence, they
were taken by the Surveyor.
Subscribed and sworn to before me this Jaunteenth day of
August, 1916. PA
J. H. Johnson
Turveyor Inaftoman.
OATH OF SURVEYOR
I, At A Almon Surveyor Synhama.
[Forest Service Title.]
do solemnly swear that in strict conformity with the special instructions of the United States Surveyor General for Augusta, dated
Fril /7, 19/6, 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. 3-1281 dated Hay 5, 1911 List, No. 3-2355, dated Harch 7, 1914, for . fratent, under the Act of June 11, 1906,
fratent, under the Act of June 11, 1906,
the same to be known as Homostead Entry Survey No. 453 ,
situated within the Setgreaus National Forest, in Windsurveyed Section 31 , Township 10 No. , Range 23 E , and
Unsurveyed Section 32 Township /ON, Range 23E,
A. C.
of the Vilam But Piver Box angleridian, Augona, 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.
I I thuson
DISTRICT OF COLUMBIA
4)
Subscribed and sworn to before me this 944 day of
march , 1917.
Sylvester J. M. Jaurin,
Commission SEAL.
建立工工工工 8—2049
April 1996 Company of April 1996

STATE OF ARIZONA

Chains

Applicant for listing, C. H. Frost; Application Nos. 216 / and 415, dated July 22, 1910 and November 25, 1912; List Nos. 3-1281 and 5-2355, dated May 5, 1911 and March 7, 1913; H. E. Nos. 016573 and 024517, made in the Phoenix Land Office on January 31, 1912 and March 2, 1914 by CHarles H. Frost.

The listing in this case was erroneously made by legal subdivisions in a Township which was never legally surveyed, and no attempt was made to locate original list lines on ground. This survey is in the nature of a cooperative survey and will be used as a basis for supplemental and amendatory listing and entry.

Surveyed under special instructions from the Surveyor
General for Arizona, dated April 17, 1916 and designated as Homestead Entry Survey No. 453.

Situated in what will probably be, when surveyed, Secs.

31 and 32, T. 10 N., R. 23 E., Gila and Salt River Base

and Meridian, within the Sitgreaves National Forest,

Arizona.

Surveyed under the Acts of June 11, 1906 and July 31, 1916.

Survey commenced August 7; 1916 and executed with a Buff and Buff transit 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 500 link
steel tape. The slope angles were determined with a
clinometer.

August 7, 1916, p.m.

I observe Polaris for azimuth at cor. No. 1 of this survey

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object is set at zero. My watch is set for local mean time. Lat. 34° 13' N., Long. 109° 56' 20" W., from special instructions from the Surveyor General.

Telescope Time Horizontal Angle W. of Star

Direct 8h. 49m. 00s. 12° 59' 30"

Reversed 8h. 51m. 12s. 12° 58' 00"

2)17h. 40m. 12s. 25° 57' 30"

Mean 8h. 50m. 06s. 12° 58' 45"

1.m.t. obsn., August 7, 1916,p.m., 8h. 50.1m.

1.m.t. U.C.Pol., August 8, a.m., 4h. 24.9m.

Uncorrected Hour Angle,

7h. 34.8m.

Long. Correction,

01.2m.

Hour Angle of Pol. at obsn.,

7h. 33.6m.

'Azimuth of Polaris, 1° 15' 18" E.

Bearing of reference object, N. 11° 43' 27" W.

August 8, 1916, p.m.

I again observe Polaris for azimuth at same station.

The reading on the reference object is set at zero.

Telescope Time Horizontal Angle W. of Star.

Direct 7h. 57m, 25s. 12° 51' 00"

Reversed 8h. 00m. lls. 12° 50' 00"

2)15h. 57m. 36s. 25° 41' 00"

Mean 7h. 58m. 48s. 12° 50' 30"

1.m.t. obsn., August 8, 1916, p.m. 7h. 58.8m.

1.m.t. U.C.Pol., August 9,1916, a.m. 4h. 21.0m.

Uncorrected Hour Angle, 8h. 22.2m.

Hour Angle of Pol. at obsn., 8h. 21.0m.

Azimuth of Polaris, 1° 07' E.

Bearing of reference object, N. 11° 43' 30" W.

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The mean of these is N. 11° 43' 29" W. and to the corresponding meridian all the courses of this survey are referred.

RETRACEMENT

August 8, 1916.

From cor. for secs. 5, 6, 31 and 32, Ts. 9 and 10 N., R. 23 E., a post marked as described by the Surveyor General. No witnesses. Post is decayed, I therefore restore cor. as follows:

Deposit a lava stone 4 x 4 x 3 ins., 10 ins. in the ground, over which set a lava stone 18 x 8 x 6 ins., marked with 5 notches on E. face and 1 notch on W. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:

> An oak, 10 ins. dia', bears N. 30° E., 57 lks. dist., scribed T 10 N R 23 E S 32 B T.

A yellow pine, 10 ins. dia., bears N. 3° 05' W., 107 lks. dist., scribed T 10 N R 23 E S 31 B T.

A yellow pine, 6 ins. dia., bears S. 43° 16' W., 56 lks. dist., scribed T 9 N R 23 E S 6 B T.

A yellow pine, 10 ins. dia., bears S. 17° 45' E., 106 lks. dist., scribed T 9 NR 23 E S 5 B T.

Thence West.

'On random line bet. secs. 6 and 31.

Fall 8 1ks. N. of the 1/4 sec. cor. bet. secs. 31 and 6, 40.43 which is a lava stone 12 x 9 x 10 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence N. 89° 53' E.

On true line bet. secs. 6 and 31.

Set temp. 1/256 sec. cor. on S. line SW/4 SW/4 SE/4, 5.05 Sec. 31.

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Chains 40.43

Cor. for secs. 5, 6, 31 and 32, heretofore described.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

Identical with cor. for secs. 5, 6, 31 and 32, heretofore described. I mark + on top of sec. cor. for point
and alongside set an oak post 48 x 8 x 8 ins., 36 ins.
in the ground, marked 1 - H E S 453 on NW. face, whence:

A yellow pine, 8 ins. dia., bears N. 13° 34' E.,

48 lks. dist., scribed 1 H E S 453 + B T.

A yellow pine, 8 ins. dia., bears S. 55° 38' E.,

99 lks. dist., scribed 1 H E S 453 + BT.

Lat. 34° 13' N., Long. 109° 56' 20" W., from special instructions from the Surveyor General, and later verified.

Mag. decl. at 8:00 a.m., 13° 30' E. Mean mag. decl.,

Thence S. 89° 53' W.

Descend gentle NW. slope 20 ft. to arroyo, through scattering pine and oak.

24.40 Road bears NNH. and SSW.

32.70 Arroyo, 8 lks. wide, 1 ft. deep, course NE. Thence over level land, through pine and oak timber.

35.38 To cor. No. 2 and C. C. on line bet. secs. 6 and 31.

Identical with temp. 1/256 sec. cor. on S. bdy. SW/4

SW/4 SE/4, Sec. 31. Deposit a lava stone 6 x 4 x 2

ins. marked with a +, 14 ins. in the ground, over which

set a lava stone 24 x 8 x 8 ins., chiseled + for the

point, 2 - H E S 453 on NE. face and C C on N. face; and

raise a mound of stone 3 ft. base, 2 ft. high N. of

cor., whence:

A yellow pine, 28 ins. dia., bears N. 80° 15' W., 66 lks. dist., scribed 2 H E S 453 + B T.

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. An oak, 10 ins. dia., bears N. 15° E., 62 lks. dist., scribed 2 H E S 453 + B T.

Cor. for secs. 5, 6, 31 and 32, heretofore described, bears N. 89° 53' E., 35.38 chs. dist.

1/4 sec. cor. bet. secs. 6 and 31, heretofore described, bears S. 89° 53' W., 5.05 chs. dist.

Thence North.

Over level land in pine and oak timber.

5.00 To cor. No. 3.

Deposit a lava stone 4 x 4 x 2 ins. marked with a +, 16 ins. in the ground, over which set a lava stone 26 x 10 x 8: ins., chiseled +.for.the point and 3. - H E S 453 on SE..face; and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., whence:

An oak, 12 ins. dia., bears N. 23° 26' H., 61 lks. dist., scribed 3 H. E S 453 + B T.

A yellow pine, 32 ins. dia., bears N. 89° 55' E., 75 lks. dist., scribed 3 H E.S 453 + B T.

Thence East.

Over level land in pine and oak timber.

5.00 To cor. No. 4.

Deposit a lava stone 2 x 2 x 1 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 8 x 8 ins., chiseled + for the point and 4 - H E S 453 on SE. face. No stone available for mound, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 3 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. SE. of cor., whence:

An oak, 12 ins. dia., bears South, 45 lks. dist., scribed 4 H E S 453 + BT.

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.. A yellow pine, 16 ins. dia., bears N. 87° 15' E., Chains . 59 lks. dist., scribed 4 H H S 453 + B T. Thence North. Over level land in pine and oak timber. To cor. No., 5. 'da de . esase , sedicos 10.00 Deposit a lava stone 4 x 4 x 2 ins. marked with a +, 14 ins. in the ground, over which set. a lava stone 24 x 10 x 10 ins. chiseled t for the point and 5 - H E S 453 on SE. face. No stone available for mound, therefore.dig pits 24 x 24 x 12 ins. crosswise on claim lines 8 ft. dist.: and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. SE. of cor., whence: . A yellow pine, 18 ins. dia., bears S. 20° 26' W., 109 lks. dist., scribed 5 H E S 453 + B T. . A yellow pine, 26 ins. dia., bears S. 74° 04' E., - 50 lks. dist., scribed 5 H.E S 453 + B T. Thence Bast. Over level land, through pine and oak timber. 7.40 To cor. No. 6. Deposit a lava stone 5 x 4 x 2 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 8 x 5 ins., chiseled + for the point and 6 - H E S 453 on SE. face. No stone available for mound, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 3 ft. dist .; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. SE. of cor., whence: A.yellow pine, 20 ins. dia., bears : S. 89° 09' W., 191 lks. dist., scribed 6 H B S 453 + B T. A, yellow pine, 18 ins. dia., bears N. 7° 14' W., · 140 1ks. dist., scribed 6.H E S 453 + B T.

STATE OF ARIZONA. ARE

Chains	Thence N. 5° 22' E.	hains
	In open, over level land. Fence on line.	
13.90	Foot ascent. Ascend 30 ft. to rocky ridge.	
19.80	Fence cor. Fence bears NE. Leave fence.	
23.10	Rocky ridge bears E. and W. Enter timber. Descend	
	30 ft. to cor.	
27.81	To cor. No. 7.	
ted	Point for cor. falls on a lava stone in place,	
	showing 24 x 18 x 7 ins. above ground. I mark	
	+ on top for point and 7 - H E S 453 on the SE.	08.8
	face; and raise a mound of stone 3 ft. base, 2	08.83
	ft. high SE. of cor., whence:	37.5
	An oak, 8 ins. dia., bears S. 51° 12' W.,	
	40 lks. dist., scribed 7 H E S 453 + B T.	
Beres	A pine, 18 ins. dia., bears N. 21° 22' W.,	
	53 lks. dist., scribed 7 H E S 453 + B T.	
	August 8, 1916.	
00	The improvements made upon this claim and belonging	
	August 9, 1916.	
0	Thence S. 89° 58' E.	
· • • • • • • • • • • • • • • • • • • •	Descend 10 ft. in oak and pine timber to flat.	
1.50	Foot descent. Leave timber, bears N. and S.	
4.65	Road bears NW. and SE.	
5.50	Fence bears NNW. and SSE.	
23.59	To cor. No. 8	
	Deposit a lava stone 6 x 3 x 2 ins. marked with a	
	+, 14 ins. in the ground, over which set a lava	
	stone 24 x 10 x 8 ins., chiseled + for the point	
	and 8 H E S 453 on SW. face; and raise a mound of	
100	stone 3 ft. base, 2 ft. high SW. of cor. whence;	
THE SHEET SHEET	Ft. 848. con one loo ft. scheme.	

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SITGREAVES NATIONAL FOREST

STATE OF ARIZONA TATE

Chains	and 0 - H I S 455 on SW. face
	An oak, 4 ins. dia., bears S. 53° 14' E., 28
	lks. dist., scribed 8 H E S 453 + B T.
	An oak. 6 ins. dia., bears N. 29° 14' E., 71
	lks. dist., scribed 8 H E S 453 + B T.
	Thence S. 4° 16' W.
	Ascend along gentle NW. slope in pine and oak timber
	30 ft. to cor. Fence on line.
8.20	Fence cor. Fence bears W. and along line.
29.20	Fence cor. Fence bears W. Leave fence.
42.75	To cor. No. 1, the place of beginning.
	eft. in gh BB. or cor., whence:
	AREA
	Total Area 114.84 acres
	Total Area 114.84 acres
	IMPROVEMENTS.
	The improvements made upon this claim and belonging to
	claimant, consist of the following:
	A frame dwelling 30 x 15 ft., the long side of which
	bears N. and S. and the NE. cor. of which bears S. 59°
	32' E., 8.54 chs. dist. from cor. No. 7.
	Value \$250.00
	A frame barn, 35 x 18 ft., the long side of which bears
	N. and S. and the NE. cor. of which bears S. 54° 08'
	E., 4.32 chs. dist. from cor. No. 7.
	Value \$200.00
	There is approximately 1-1/4 mile of wire fence.
	Value \$150.00.
	There are three pole corrals, one 150 ft. dia., one 100
	ft. dia. and one 150 ft. square.
	Value \$100.00

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A tank 150 ft. dia.,

· Value ----- \$ 50.00

DESCRIPTION

This claim lies at base of Porter Mountain, which rises to SE. The claim is part of a large mesa and lies across a shallow draw. The elevation is .6700 ft. and the general slope is to the North.

The timber consists of a mixed stand of oak and yellow pine, which occurs along S., E. and West boundaries.

The soil, with exception of ridge in NW., is a clayey loam of good depth and fertile. The soil on ridge in NW. is rocky and non-tillable.

Water for domestic use is hauled from spring one mile dist. Stock water is obtained from tank on claim. There is no water for irrigation.

I saw no indications of mineral upon the claim.

There are approximately 20 acres in cultivation.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims.

Showlow, Arizona, the nearest post office, is 8 miles to West over poor road. Holbrook, Arizona, the nearest railroad point is 50 miles to North over fair road.

		TRAVER	SE			
Cor.	Course	Dist.	N	S	E	VI
1-2 S. 2-3	89° 53' W. North	35.38 5.00	5.00	0.07		35.38
3-4 4-5	East North	5.00/	10.00		5.00	
5-6 6-7 N.	East 5° 22' E.	27.81	27.69		7.40	4
7-8 S. 8-1 S.	89° 58' E. 4° 16' W.	23.59 × 42.75 ×		0.01° 42.63	23.59/	3.18√
		156.93	42.69	42.71	38.59 × 38.56 ×	38.56 √
Error in	n Lat. and		.02	•03 v		

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Closing error, 1:4353. Chains Survey completed August 9, 1916. Surveyor - Draftsman

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

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

2. In balancing Latitudes and Departures do not obliterate or change the footing of the original figures, but put below them the corrected figure or figures above in red ink. Do not change the footing of the lines.

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.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner. 43 43 100 001 N. AREAS. 858 758 ARIZONA D. 00 00 00 39 39 40 57 97 DOUBLE M. 0 10 35 10 10 73 27 OF STATE 85 38 189 38.56 WEST. 35 DEPARTURES. NO. 453 28 960 69 8 69 EAST. 30 23 10 38 CZ HOMESTEAD ENTRY SURVEY 200 900 69 42 71 SOUTH. 14 42 LATITUDES. 42 69 47 69 69 NORTH. 10 27 10 TABLING AND CALCULATIONS OF DISTANCE. 5.00 5.00 7.40 23.59 10.00 42.75 156.93 35.38 27.81 N T 田 E BEARING. 4. 161 89. 531 89 . 58 5. 22 North North East East Form 85. Sheet No. 3.—Revised Feb., 1915. 1-2 4-5 2-3 3-4 9-9 6-7 7-8 CORNERS. 8-1 Ö 8-2349

Acres.

114 84

858 43

20/2296 83

54

12

O

S. AREAS.

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, may 22

, 1918

The foregoing field notes of Homestead Entry Survey No.

453

executed by R. P. Q. Johnson, Surveyor. Draftsman [Forest Service Title.] under his special instructions, dated Quil 17, 1916, 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.

8-2349