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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

DEC-3-1919
11-1-1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 565

SITUATED IN THE TOMO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 20, un surveyed, ^{Frac.} Township 11-1/2 N., Range 9 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA

Applicant for listing O. L. Fuller, ✓
 Residence Pine, Arizona.
 Application No. 28, dated April 9, 19 07 ✓
 List No. 469, dated October 7, 19 07 ✓

Applicant for survey Oliver L. Fuller, ✓
 Residence Pine, Arizona.
 H. E. No. 029235, dated January 18, 1916 ✓
 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 March 22, 19 19
 Survey completed March 26, 19 19
 Under Acts of June 11, 1906, and October 1, 1918. ✓

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. 565, 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.

J. E. Brandebury
Chainman.

H. H. Longfellow
Chainman.

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

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 instructions of the United States Surveyor General for ARIZONA, dated February 15, 1918, 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

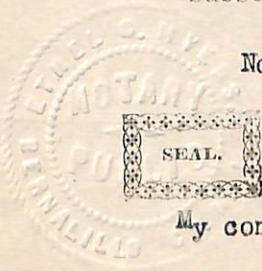
List No. 469, dated October 7, 1907, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 565, situated within the TONTO National Forest, in un surveyed Section 20, Township 11-1/2 N., Range 9 E., and -- surveyed Section ---, Township ---, Range ---

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 survey.

Frank D. Yost
Surveyor - Forest Service,
[Forest Service Title]

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

Ethel G. Myers
Notary Public.



My commission expires March 17, 1921.

HOMESTEAD ENTRY SURVEY NO. 565

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, O. L. Fuller; Application No. 28, dated April 9, 1907; List No. 469, dated October 7, 1907; H. E. 029235 made in the Phoenix Land Office on January 18, 1916, by Oliver L. Fuller.

This survey is in the nature of a cooperative survey and will be used as a basis for substitute list and amendment of Entry. The changes made are in accordance with the desires of the Entryman and meet with the approval of the Forest Service.

Surveyed under special instructions from the Surveyor General for Arizona, dated February 15, 1918, and designated as Homestead Entry Survey No. 565.

Situated in what will probably be when surveyed Sec. 20, T. 11-1/2 N., R. 9 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 March 22, 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 500 link steel tape. The slope angles were determined with a clinometer.

March 26, 1919.

At Cor. No. 3, of this survey, hereinafter described, at 7h 12m p.m., l.m.t., I observe Polaris at W. Elongation with telescope direct and mark the line of sight by a tack in a stake firmly set in the ground about

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Chains 5 chs. North of my station. Lat. $34^{\circ} 22'$ N., Long. $111^{\circ} 28'$ W., from Special Instructions from the Surveyor General and later verified.

At the same station at 7h 14m p.m., l.m.t., I again observe Polaris at W. Elongation with telescope reversed and mark my line of sight on a stake set firmly in the ground, about 5 chs. North of my station.

The points as determined by the two obsns. differ $1/2$ inch. From the mean of the two points I set off $1^{\circ} 21'$ to the East and mark the meridian by a tack in a stake firmly set in the ground about 5 chs. North of my station and to the meridian thus determined all the courses of this survey were referred by sustained angulation.

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

BOUNDARIES OF CLAIM

March 22, 1919.

Beginning at Cor. No. 1. Identical with Cor. H-4 of the supplemental survey, which is a sandstone 10 x 6 x 5 ins. above ground, marked and witnessed as described by the Forest Service, set in a small mound of stone on top and at the east edge of a white limestone outcrop flush with the surface, 8 ft. wide by 100 ft. long, extending East and West. I destroy all trace of this cor. and on the E. edge of limestone outcrop, I chisel + for the point and 1 H E S 565 SW. of the + for Cor. No. 1 of this survey; raise a mound of stone 3 ft. base, 2 ft. high, SW. of cor., whence:

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A juniper 34 ins. dia., brs. N. 87° 36' W.,
29 lks. dist.

An oak 18 ins. dia., brs. S. 2° 36' E.,
42 lks. dist.

Each blazed and scribed 1 H E S 565 + B T
Cor. of wire fence bears S. 49° 15' W.,
4 lks. dist. from which fence bears S.
and W.

The 1/4 sec. cor. on the S. bdy. of Sec. 36,
T. 12 N., R. 8 E., a sandstone 8 x 12 x 10
ins. above ground, marked and witnessed as
described by the Surveyor General, bears
N. 17° 53' 28" W., 31.31 chs. dist. by
traverse which appears at the end of these
notes.

Cor. No. 4 of H.E.S. 427 (accepted), T. Roessle,
claimant, a sandstone 12 x 6 x 10 ins. above
ground, marked + on top and 4 H E S 427 on
NE. face, bears N. 45° 26' 32" E., 28.41 chs.
by traverse which appears at the end of
these notes.

(Note: Cor. No. 3 of H.E.S. 427 was searched
for but could not be found and has apparently
been washed out by Pine Creek).

Lat. 34° 22' 07" N., Long. 111° 27' 32" W., from
Special Instructions from the Surveyor General and
later verified.

Mag. decl. at 8 a.m. is 14° 30' E. Mean Magnetic
decl., 14° 27' E.

Thence S. 0° 25' W.,

Desc. gentle S. slope 10 ft. to arroyo, thru heavy
juniper, oak and pine. Fence along line inside of
claim.

Chains
 9.01 Cor. wire fence, fence bears West and N. 0° 25' E., along line.

9.30 Left bank of arroyo, banks 20 ft. high, course East.

10.32 Right bank of arroyo, bank 20 ft. high, course East, Asc. 25 ft. over N. slope, thru heavy pine timber.

12.52 To Cor. No. 2.
 Identical with Cor. H-1 of the supplemental survey, which is a sandstone 10 x 6 x 2 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this 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. dia., 36 ins. long, with brass cap marked 1919 on S. rim and 2 H E S 565 in NW. quadrant; raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor., whence:
 A yellow pine 32 ins. dia., brs. S. 19° 50' W., 34 lks. dist.
 A yellow pine 36 ins. dia., brs. S. 71° 34' W., 104 lks. dist.
 Each blazed and scribed 2 H E S 565 + B T
 March 22, 1919.

Rain and snow prevents work on March 23, 24 and 25.

March 26, 1919.
 Thence N. 89° 38' W.
 Along N. slope, thru pine timber.

20.01 Begin desc. of 20 ft. along steep NW. slope.

21.47 Arroyo, 80 lks. wide, banks 2 ft. high, (dry) course N. 70° E. Bottom of desc. Asc. 25 ft. over rolling bottom land.

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40.21

To Cor. No. 3.

Identical with Cor. H-2 of the supplemental survey, which is a limestone 12 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this cor.

Deposit a sandstone 6 x 4 x 3 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 3 H E S 565 in NE. quadrant; raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor., whence:

An oak 12 ins. dia., brs. N. 29° 52' E.,

22 lks. dist.

A yellow pine 36 ins. dia., brs. S. 60° 21' E.,

115 lks. dist.

Each blazed and scribed 3 H E S 565 + B T

Thence N. 0° 27' E.

Over open rolling land.

1.71 Arroyo, 25 lks. wide, banks 3 ft. high, (dry), course N. 60° E.

2.10 Cor. wire fence, fence bears E. and N. 0° 27' E. along line.

11.31 Cor. wire fence, fence bears S. 0° 27' W., and NE.

12.48 To Cor. No. 4.

Identical with Cor. H-3 of the supplemental survey, which is a limestone 12 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this cor.

Deposit a sandstone 7 x 4 x 2 ins. marked with a + 16 ins. in the ground, over which set a sandstone 26 x 10 x 6 ins. chiseled + for the point and 4 H E S 565 on

Chains

SE. face; raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor., whence:

An oak 14 ins. dia., brs. N. 35° 15' E., 66 lks. dist.

A juniper 24 ins. dia., brs. N. 65° 54' W., 47 lks. dist.

Each blazed and scribed 4 H E S 565 + B T

Thence S. 89° 46' E.,

Along foot of S. slope, thru dense scrub oak and pine reproduction.

1.47 Cor. fence, fence bears SW. and N. 89° 46' E., along line.

40.26 To Cor. No. 1, the place of beginning.

March 26, 1919.

AREA

Total Area - - - - - 50.30 Acres

IMPROVEMENTS

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

Approximately 1 mile of wire fence, Value - - - - - \$ 125.00

Approximately 1/4 mile pole fence, Value - - - - - \$ 15.00

No buildings on the claim at time of survey.

DESCRIPTION

The claim consists mainly of open bottom land with a gradual slope to the East. The soil is a rich dark loam of good depth and very fertile. 85 percent of

TONTO NATIONAL FOREST
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the area is suitable for agricultural purpose, of which 25 acres were under cultivation last year. Dry farming methods are depended upon to raise crops. Water for domestic use must be packed a distance 1/2 mile. The claimant farms the claim in summer and lives in Pine during the winter. There is no timber of commercial value on the claim. There are no indications of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H.E.S.427 lies about 1/4 mile NE.

Pine, Arizona, the nearest settlement and postoffice, is about 1-1/2 miles dist. in a Northeasterly direction.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 0° 25' W.	12.52		12.52		.09
N. 89° 38' W.	40.21	.26			40.21
N. 0° 27' E.	12.48	12.48		.10	
S. 89° 46' E.	40.26		.16	40.26	
	105.47	12.74	12.68	40.36	40.30
		12.68		40.30	
Error in Lat. and Dep.		.06		.06	

Closing Error, 1:1243

TIE FROM COR. NO. 1 TO 1/4 COR. ON S.BDY.
SEC. 36, T. 12 N., R. 8 E.

Course	Dist.	N.	S.	E.	W.
S. 0° 02' W.	30.02		30.02		.02
N. 88° 55' E.	5.32	.10		5.32	
N. 88° 27' E.	4.32	.12		4.32	
	39.66	.22	30.02	9.64	.02
			.22	.02	
			29.80	9.62	

Resultant Course N. 17° 53' 28" W., 31.31 chs.

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TIE FROM COR. NO. 1 TO COR. NO. 4, H.E.S. 427

Course	Dist.	N.	S.	E.	W.
N. 76° 41' E.	2.69	.62		2.62	
N. 38° 10' E.	5.18	4.07		3.20	
S. 89° 26' E.	7.62		.08	7.62	
N. 47° 12' E.	12.87	8.73		9.44	
N. 21° 50' W.	7.10	6.59			2.64
	35.46	20.01	.08	22.88	2.64
		.08		2.64	
		19.93		20.24	

Resultant course, N. 45° 26' 32" E., 28.41 chs.

Survey completed March 26, 1919.

Frank York
 Surveyor - Forest Service

80.	80.01	80.01	80.01	80.01	80.01
80.	80.02	80.02	80.02	80.02	80.02
80.	80.03	80.03	80.03	80.03	80.03
80.	80.04	80.04	80.04	80.04	80.04
80.	80.05	80.05	80.05	80.05	80.05
80.	80.06	80.06	80.06	80.06	80.06
80.	80.07	80.07	80.07	80.07	80.07
80.	80.08	80.08	80.08	80.08	80.08
80.	80.09	80.09	80.09	80.09	80.09
80.	80.10	80.10	80.10	80.10	80.10

- 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. 565, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	S. 0-25 W.	✓ 12.52		✓ 12 ⁵³ 52		✓ 10 09	80 56		✓ 1009 42		
2 - 3	N. 89-38 W.	✓ 40.21	²⁴ 26 ✓		⁰⁹ 40 ✓	²³ 21	40 23	9 66 ✓			
3 - 4	N. 0-27 E.	✓ 12.48	12 ⁴⁷ 48 ✓		10 ✓		09	1 12 ✓			
4 - 1	S. 89-46 E.	✓ 40.26		✓ 16 ¹⁸ 16	40 ²⁴ 26 ✓		40 42		✓ 7 28		
		105.47 ✓	12 74 ✓	12 68 ✓	40 36 ✓	40 30 ✓		10 78 ✓	1016 70 ✓		
			¹² 71	¹² 71	⁴⁰ 33	⁴⁰ 33			10 78		
	Error in Lat. and Dep.		06 ✓		06 ✓				20/1005 92		
	Closing Error, 1:1243								50 30 ✓		Acres.
											I. S.

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APPROVAL


Office of the United States Surveyor General,

Phoenix, Arizona, May 22, 1920

The foregoing field notes of Homestead Entry Survey No.

565

executed by *Frank D. Gost, Surveyor,* [Forest Service Title.]
under his special instructions, dated *February 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.