

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

APR 3-1917

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 439

SITUATED IN THE **Crook** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 3 , ---surveyed, Township 2 S. , Range 12 E.

of the

Gila and Salt River Base and Meridian.

State of

Arizona.

Applicant for listing **Teodoro Nunez, Sr.**
Residence **Superior, Arizona.**
Application No. **259** ✓ , dated **November 5** , 1913. ✓
List No. **3-3028** ✓ , dated **January 13** , 1914. ✓

Applicant for survey **Teodoro Nunez, Sr.**
Residence **Superior, Arizona.**
H. E. No. **025151** ✓ , dated **June 3** , 1914. ✓
Land Office at Phoenix, Arizona.

Survey executed by **Walter G. Turley, Surveyor, Forest Service.**
[Forest Service Title.]
Under special instructions dated **December 2** , 1915. ✓
Survey commenced **February 14** , 1916. ✓
Survey completed **February 14** , 1916. ✓
Under Acts of **June 11, 1906 and March 4, 1915.** ✓

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OATH OF ASSISTANTS

We hereby certify that we assisted **Walter G. Turley,**
Surveyor, Forest Service in surveying all those

[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **439**, 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 inconvenient to appear before
an officer to administer the oath
to assistants; hence it was taken
by the Surveyor.

Charles G. Baecht Chairman
Fred D. Lewis Chairman

Subscribed and sworn to before me this *twenty eighth* day of

March, 19*16*.

Walter G. Turley
Surveyor Forest Service

OATH OF SURVEYOR

I, **Walter G. Turley,** **Surveyor Forest Service**

[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
December 2, 1915, 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. 3-3028 dated January 13, 1914 and a tract
of land upon the application of Teodoro Nunez, Sr.

Application, No. **259**, dated **November 5**, 1913, for
Patent, under the Act of **June 11**, 1906,
the same to be known as Homestead Entry Survey No. **439**,
situated within the **Crook** National Forest, in
--- surveyed Section **3**, Township **2 South**, Range **12 East**, and
--- surveyed Section ---, Township ---, Range ---,

of the **Gila & Salt River Base** and 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.

Walter G. Turley
Surveyor Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this *8th* day of

April, 19*16*

Elsie C. Meyer
Notary Public



8-2349

My Commission expires April 20, 1918.

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Teodoro Nunez, Sr.; Application No. 259, dated November 5, 1913; List No. 3-3028, dated January 13, 1914; Homestead Entry No. 025151 made in the Phoenix Land Office on June 3, 1914 by Teodoro Nunez, Sr. whose post office address is Superior, Arizona.

Also a small tract of unlisted land adjoining claimant's entry on the southwest, was included in this survey.

The land is agricultural in character, was desired by the entryman, and will be listed as a basis for amendment of his entry 025151.

Surveyed under the Acts of June 11, 1906 and March 4, 1915 together with special instructions from the Surveyor General for Arizona dated December 2, 1915, and

designated as Homestead Entry Survey No. 439.

Situated in surveyed and accepted sec. 3, T. 2 S., R. 12 E., G. and S. R. B. and M. within the Crook National Forest, Arizona.

Survey commenced February 14, 1916 and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment and make necessary corrections.

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape graduated to links and tenths. The slope angles were determined with a clinometer, the vernier of which reads to degrees.

Chains February 14, 1916.
The courses of this survey were deflected from the meridian established by me this morning by Polaris observation at cor. H-1 of List 3-2202 in connection with H. E. S. No. 438.

Latitude $33^{\circ} 16' 55''$ N., and longitude $111^{\circ} 06' 37''$ W.
at cor. No. 1 of this survey by account from values stated in the special instructions of the Surveyor General. It was not practicable to check the latitude by direct observation during the execution of this survey.

My watch is set for standard 105th meridian time from which I subtract 24m. 26s. for l.m.t.

Observed magnetic declination at cor. No. 1, H. E. S. No. 439 February 14, 1916 at 1h. 00m. p.m. $14^{\circ} 41'$ E.

Mean magnetic declination $14^{\circ} 43'$ E.

Beginning at cor. No. 1.

Identical with cor. No. 1, H. E. S. No. 438 which is a diorite stone 10 x 8 x 10 ins. above ground chiseled cross at the point, 1 - H E S 438 on the southwest face with a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, SE. of cor. I chisel 1 - H E S 439 on the NE. face of the

same stone from which
A 4 in. mesquite bears S. $36^{\circ} 15'$ E., 43 lks.

blazed and scribed 1 H E S 439 - 1 H E S 438 + B T

A 5 in. mesquite bears N. $19^{\circ} 10'$ E., 164 lks.

blazed and scribed 1 H E S 439 - 1 H E S 438 + B T

1/4 sec. cor. to secs. 3 and 4, T. 2 S., R. 12 E.

which is a trachite stone 8 x 6 x 6 ins. above ground chiseled 1/4 on W. face with mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. bears N. $85^{\circ} 28'$ W., 204 lks.

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STATE OF ARIZONA

Chains Thence N. 32° 11' E.

Asc. brushy SE. slope 15 ft. over unlisted land.

0.20 Florence-Superior wagon road bears NE. and SW.

7.26 To cor. No. 2.

Identical with cor. H-4 of List 3-3028 which is a granite stone 12 x 4 x 6 ins. above ground marked and witnessed as described by the Forest Service.

I destroy cor. H-4 and its witnesses; and, for cor.

No. 2 of this survey, I chisel cross on a stone

4 x 3 x 2 ins. and deposit it 14 ins. in the

ground over which I set a diorite stone 24 x 10 x 6

ins. 14 ins. in the ground chiseled cross at the

point and 2 - H E S 439 on the SE. face and raise

a mound of stone 2 ft. base, 1 1/2 ft. high, SE. of cor.

from which

A 4 in. mesquite bears S. 11° 25' E. 141 lks.

blazed and scribed 2 H E S 439 + B T

A 4 in. mesquite bears N. 34° 08' W. 91 lks.

blazed and scribed 2 H E S 439 + B T

At this point leave unlisted and enter listed land.

Thence N. 57° 22' E.

Ascend brushy mesa 5 ft.

10.13 Enter SW. side of claimant's adobe dwelling 14 ft. NW.

from S. cor.

10.64 Leave NE. side of dwelling 14 ft. NW. from N. cor.

14.67 To cor. No. 3.

Identical with cor. H-3 of List 3-3028 which is a granite stone 12 x 24 x 6 ins. above ground marked and witnessed as described by the Forest Service.

I destroy cor. H-3 and its witnesses; and, for cor.

No. 3 of this survey, I chisel cross on a stone

CROOK NATIONAL FOREST

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Chains 4 x 3 x 2 ins. and deposit it 18 ins. in the ground; over which I set a basalt stone 28 x 12 x 5 ins. 18 ins. in the ground chiseled cross at the point and 3 - H E S 439 on the SSW. face, and raise a mound of stone 2 ft. base; 1½ ft. high, SSW. of cor. from which

A 5 in. mesquite bears N. 84° 15' W. 214 lks. blazed and scribed 3 H E S 439 + B T + on an embedded quartzite boulder 30 x 30 x 6 ins. above ground bears S. 11° 30' W., 31 lks. chiseled + B R 3 H E S 439

Thence S. 11° 50' E.
Desc. SE. slope 10 ft.

3.99 To cor. No. 4, on line 3-4 of H. E. S. No. 437. Identical with cor. H-2 of List 3-3028 which is a granite stone 12 x 6 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-2 and its witnesses; and, for cor. No. 4 of this survey I chisel cross on a stone 4 x 4 x 3 ins. and deposit it 18 ins. in the ground over which I set a basalt stone 28 x 14 x 6 ins. 18 ins. in the ground chiseled cross at the point and 4 - H E S 439 on the W. face and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. from which

A 4 in. mesquite bears N. 74° 55' W. 147 lks. blazed and scribed 4 H E S 439 + B T
A 4 in. mesquite bears S. 56° 30' W. 220 lks. blazed and scribed 4 H E S 439 + B T

Cor. No. 4 H. E. S. 437 which is also cor. No. 4 H. E. S. 436, an embedded basalt stone 30 x 18 x 6 ins. above ground chiseled + at the point, 4 H E S 436 on E. face, and 4 H E S 437

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STATE OF ARIZONA

Chains

on S. face with mound of stone 2 ft. base,
1½ ft. high, E. of cor. bears N. 50° 27' E.
5.19 chs., by direct measurement.

Thence S. 50° 27' W.

Desc. SW. slope 5 ft.

2.93 Florence-Superior wagon road bears E. and W.

4.98 To cor. No. 5.

Identical with cor. H-1 of List 3-3028 which is a
porphyry stone 6 x 6 x 5 ins. above ground marked
and witnessed as described by the Forest Service.

I destroy cor. H-1 and its witnesses, and at this
point I previously established Cor. No. 3 of H. E. S.

437 which is also cor. No. 2 of H. E. S. 438 a
diorite stone 15 x 5 x 10 ins. above ground chiseled

cross on top for exact point, 3 H. E. S. 437 on E.

face, and 2 H E S 438 on SW. face with mound of
stone 2 ft. base, 1½ ft. high E. of cor. I chisel
same stone 5 H E S 439 on NW. face whence

A 4 in. mesquite bears S. 53° 00' E. 62 lks.

blazed and scribed 3 H E S 437 + B T

A 5 in. hackberry bears N. 24° 30' E. 194 lks.

blazed and scribed 3 H E S 437 + B T

A 4 in. mesquite bears S. 50° 40' E. 63 lks.

blazed and scribed 2 H E S 438 + B T

A 4 in. mesquite bears S. 28° 10' W. 220 lks.

blazed and scribed 2 H E S 438 + B T

A 4 in. mesquite bears N. 45° 00' W. 223 lks.

blazed and scribed 5 H E S 439 + B T

A 5 in. hackberry bears N. 20° 10' E. 190 lks.

blazed and scribed 5 H E S 439 + B T

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Chains, Thence S. 62° 15' W. Desc. SW. slope .5 ft. Florence-Superior wagon road bears E. and W. Cor. H-5 List 3-3028 which is a granite stone 8 x 8 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-5 and its witnesses. At this point leave listed and enter unlisted land. To cor. No. 1-the place of beginning.

Unlisted land.....	1.50 acres.
Listed land.....	5.27 acres.
Total.....	6.77 acres.

Improvements.

An adobe dwelling 34 x 30 ft. the long side extending NE. and SW. and the N. cor. of which bears S. 58° 15' W. 4.08 chs. from cor. No. 3.

Value.....\$ 250.00

A frame dwelling 24 x 20 ft. the long side extending NE. and SW. and the E. cor. of which bears N. 17° 43' W. 2.24 chs. from cor. No. 5 of this survey.

Value.....\$ 150.00

A well 5 x 5 x 16 ft. deep, the center of which bears N. 22° 30' E. 193 lks. from cor. No. 5 of this survey.

Value.....\$ 100.00

Description.

This claim is situated on Queen Creek, a tributary to the Gila River, and is valuable for gardening.

The bottom soil is a sandy loam and produces the ordinary crops of the temperate zone. The slopes and mesa are good grazing.

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STATE OF ARIZONA

Chains

Water is hauled for domestic use.

The mountains north are mineralized but no townsites, coal, oil, or mining claims are known to conflict herewith.

Superior postoffice and railway station is 1 mile in a northeasterly direction.

This survey is joined on the southeast by H. E. S. No. 438, and H. E. S. No. 437.

Traverse.

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	N. 32° 11' E.	7.26	6.14✓		3.87✓	
2-3	N. 57° 22' E.	14.67	7.91✓		12.35✓	
3-4	S. 11° 50' E.	3.99		3.91✓	.82✓	
4-5	S. 50° 27' W.	4.98		3.17✓		3.84✓
5-1	S. 62° 15' W.	<u>14.92</u>		<u>6.95</u> ✓		<u>13.20</u> ✓
		45.82	14.05	14.03	17.04	17.04
			<u>14.03</u>		<u>17.04</u>	
	Error in lat. and dep.		.02		.00	

Closing error 1:2291 ✓

Survey completed February 14, 1916.

Walter G. Turley
Surveyor-Forest Service.

NATIONAL FOREST

STATE OF ARIZONA

Chains

Obtain water is needed for domestic use. The mountains north are mineralized but no townships coal, oil, or mining claims are known to conflict herewith. Superior postoffice and railway station is 4 miles in a northeasterly direction. This survey is joined on the southeast by B. L. S. No. 458, and B. L. S. No. 457.

Traverse

Cor.	Course	Dist.	W.	E.	S.	N.
1-2	N. 32° 11' E.	7.26	0.14	0.87		
2-3	N. 27° 32' E.	14.67	7.91	12.33		
3-4	S. 11° 50' E.	8.99		3.91	8.2	
4-5	S. 60° 27' W.	4.98		3.17		18.3
5-1	S. 52° 15' W.	14.92		8.93		13.20
		43.82	14.03	14.03	17.04	17.04
			14.03	17.04		
			30.			00.

Survey completed February 14, 1916.
Closing error 1:2391
Error in lat. and long.

Surveyor-General Service

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. 439, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 32° 11' E.	7.26	6.14		3.87		3.87	23.76 ✓	
2-3	N. 57° 22' E.	14.67	7.91		12.35		20.09	158.71 ✓	
3-4	S. 11° 50' E.	3.99		3.91	.82		33.26	150.05 ✓	
4-5	S. 50° 27' W.	4.98		3.17		3.84	30.24	95.86 ✓	
5-1	S. 62° 15' W.	14.92		6.95		13.20	13.20	91.87 ✓	
		<u>45.82</u>	<u>14.05</u>	<u>14.03</u>	<u>17.04</u>	<u>17.04</u>	<u>182.47</u>	<u>317.78</u>	
			14.04	14.04	17.04	17.04		182.47	
								20/135.31	
								6.77 ✓	acres.
Closing error 1:2291									

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EMH

APPROVAL

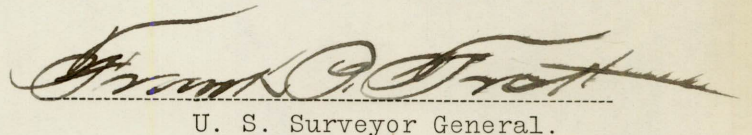
Office of the United States Surveyor General,

Phoenix, Arizona JUL 3 1917 , 191

The foregoing field notes of Homestead Entry Survey No.

439

executed by *Walter G. Turley, Surveyor* [Forest Service Title.]
under his special instructions, dated *Dec. 2*, 1915, 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.