

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

APR 13-1917

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 409

SITUATED IN THE **TONTO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 17 , unsurveyed, Township 8 N., Range 13 E.

In Section 20 , unsurveyed, Township 8 N., Range 13 E.

of the

**Gila and Salt River Base and Meridian.**

State of

**ARIZONA**

Applicant for listing **John R. Haskell,**

Residence **Young, Arizona**

Application No. **250** ✓ , dated **January 12** , 1911 ✓

List No. **3-3158** ✓ , dated **May 16** , 1914

Applicant for survey **John R. Haskell,**

Residence **Young, Arizona**

H. E. No. **025771** ✓ , dated **December 4** , 1914 ✓

**Office**  
Land ~~District~~ **Phoenix, Arizona**

Survey executed by **Walter G. Turley,** Surveyor - Forest Service  
[Forest Service Title.]

Under special instructions dated **September 23** , 1915 ✓

Survey commenced **March 14** , 1916

Survey completed **March 15** , 1916

Under Acts of **June 11, 1906 and March 4, 1915** ✓

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. **409**, 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.

*Charles J. Beechey*, Chainman

*Ferry D. Lewis*, Chainman

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  
**September 23**, 19*15*, 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 Patent, No. **3-3158**, dated **May 16**, 19*14*, for  
**June 11**, 19*06*,  
the same to be known as Homestead Entry Survey No. **409**,  
situated within the **TONTON** National Forest, in  
unsurveyed Section **17**, Township **8 N.**, Range **13 E.**, and  
unsurveyed Section **20**, Township **8 N.**, Range **13 E.**,

of the **G. and S. R. B.** 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



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TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, John R. Haskell; Application No. 250, dated January 12, 1911; List No. 3-3158, dated May 16, 1914; Homestead Entry No. 025771, made in the Phoenix Land Office on December 4, 1914, by John R. Haskell, whose post office address is Young, Arizona.

Surveyed under Acts of June 11, 1906 and March 4, 1915 together with special instructions from the Surveyor General for Arizona dated September 23, 1915 and designated as Homestead Entry Survey No. 409.

Situated in what will probably be when surveyed, secs. 17 and 20, T. 8. N., R. 13 E., G. and S. R. B. and M. within the Tonto National Forest, Arizona.

Survey commenced March 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 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.

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Chains March 14, 1916.

I set up my transit over cor. H-4 of List 3-3158 which is a granite stone 6 x 14 x 4 ins. above ground, marked and witnessed as described by the Forest Service; and, with telescope direct, I observe Polaris in accordance with instructions at 6h. 50m. p.m. l.m.t. and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station in lat.  $34^{\circ} 01' 51''$  N., and long.  $111^{\circ} 02' 30''$  W. from special instructions from the Surveyor General.

Astron. l.m.t. obsn. Mar. 14, 1916, 6h. 50.0m.  
 Astron. l.m.t. U.C. Pol. Mar. 14, 1916, 2h. 00.1m.  
 Hour angle Pol. at obsn. 4h. 49.9m.

Azimuth Pol. at obsn.  $1^{\circ} 18' 48''$  W.

With my transit set up over cor. H-4 of List 3-3158 heretofore described, and with telescope reversed in altitude and azimuth at 7h. 06m. p.m. l.m.t. on the same date, I again observe Polaris in accordance with instructions, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. l.m.t. obsn. Mar. 14, 1916, 7h. 06.0m.  
 Astron. l.m.t. U.C. Pol. Mar. 14, 1916, 2h. 00.1m.  
 Hour angle Pol. at obsn. 5h. 05.9m.

Azimuth Pol. at obsn.  $1^{\circ} 20' 18''$  W.

March 15, 1916.

I turn off  $1^{\circ} 19'$  the azimuth of Polaris to the E. from its direction at 6h. 50m. p.m. l.m.t. March 14, 1916 and mark the line thus determined with a

## TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off  $1^{\circ} 20\frac{1}{2}'$  the azimuth of Polaris to the E. from its direction at 7h. 06m. p.m. l.m.t. and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls  $0^{\circ} 00' 42''$  of measured arc to the W. of the line previously established.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

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Latitude  $34^{\circ} 01' 51''$  N. and longitude  $111^{\circ} 02' 30''$  W. at cor. No. 1 of this survey by account from values stated in the special instructions of the Surveyor General. It was cloudy at apparent noon and not possible to check the latitude by direct observation.

My watch is set for standard 105th meridian time from which I subtract 24m. 10s. for l.m.t.

Observed magnetic declination at cor. No. 1 at 8h. 00m. a.m.  $14^{\circ} 35'$  E. Mean magnetic declination  $14^{\circ} 32'$  E.

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Boundaries of Claim.

Beginning at cor. No. 1.

Identical with cor. H-4 of List 3-3158 which is a granite stone 6 x 4 x 4 ins. above ground marked and witnessed as described by the Forest Service.

Chains I destroy cor. H-4 and its witnesses; and for cor. No. 1 of this survey, I chisel cross on a stone 4 x 4 x 2 ins. and deposit it 14 ins. in the ground over which I set a quartzite stone 24 x 12 x 5 ins. 14 ins. in the ground; chiseled cross at the point, and 1 - H.E S 409 on the S<sup>th</sup>. face and raise a mound of stone 2 ft. base, 1½ ft. high, SE. of cor. from which

A 10 in. white oak bears S. 40° 12' E., 33 lks. blazed and scribed 1 H E S 409 + B T

A 17 in. alligator juniper bears S. 42° 30' W. 53 lks. blazed and scribed 1 H E S 409 + B T

¼ cor. bet. secs. 13 and 18, T. 8 N., Rs. 12 and 13 E. bears N. 78° 04' 04" W. 111.58 chs. dist. by traverse, computations of which is attached at end of these notes. The ¼ cor. is a sandstone 10 x 5 x 10 ins. above ground surrounded by mound of stone, marked ¼ on W. face, with mound of stone 2 ft. base, 1½ ft. high, W. of cor. from which: -- A 7 in. white oak bears N. 73° 30' W. 163 lks., marked ¼ S. 13 B T

Thence S. 49° 22' E.

Desc. brushy E. slope 15 ft.

1.30 Right bank Spring Creek, 4 ft. high, course NNW. Creek 60 lks. wide.

4.06 Left bank, Spring Creek, 4 ft. high, course NW. Asc. open SW. slope 20 ft.

25.73 To cor. No. 2. Identical with cor. H-1 of List 3-3158 which is a

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Chains	<p>sandstone 6 x 4 x 4 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-1 and its witnesses and for cor. No. 2 of this survey, I chisel cross on a stone 4 x 4 x 3 ins. and deposit it 15 ins. in the ground over which I set a conglomerate stone 25 x 9 x 8 ins. 15 ins. in the ground, chiseled cross at the point and 2 - H E S 409 on the W. face and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. from which</p> <p style="padding-left: 40px;">A 6 in. white oak bears N. 62° 05' W., 158 lks. blazed and scribed 2 H E S 409 + B T</p> <p style="padding-left: 40px;">A 5 in. black oak bears N. 60° 28' E. 80 lks. blazed and scribed 2 H E S 409 + B T</p> <hr/> <p>Thence S. 12° 00' W.</p> <p>Desc. open SW. slope 5 ft.</p> <p>5.10 Cease descending and asc. NW. slope 15 ft.</p> <p>5.20 Trail bears E. and W.</p> <hr/> <p>12.95 To cor. No. 3.</p> <p style="padding-left: 40px;">Identical with cor. H-2 of List 3-3158 which is a sandstone 8 x 3 x 5 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-2 and its witnesses; and for cor. No. 3 of this survey, I chisel cross on a stone 4 x 4 x 3 ins. and deposit it 15 ins. in the ground over which I set a quartzite stone 25 x 12 x 6 ins. 15 ins. in the ground chiseled cross at the point and 3 - H E S 409 on the NW. face and raise a mound of stone 2 ft. base, 1½ ft. high, NW. of cor. from which</p> <p style="padding-left: 40px;">A 7 in. walnut bears N. 48° 46' E. 109 lks. blazed and scribed 3 H E S 409 + B T</p> <p style="padding-left: 40px;">A 7 in. cherry bears N. 86° 33' E., 18 lks. blazed and scribed 3 H E S 409 + B T</p>
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Chains Thence N. 89° 52' W.  
 Desc. brushy W. slope 20 ft.  
 6.85 Spring Creek 35 lks. wide, banks 2 ft. high, course N.  
 Asc. brushy E. slope 5 ft.  
 7.68 To cor. No. 4.

Identical with cor. H-3 of List 3-3158 which is an  
 embedded basalt stone 24 x 20 x 15 ins. above ground  
 marked and witnessed as described by the Forest Ser-  
 vice. I destroy cor. H-3 and its witnesses and for  
 cor. No. 4 of this survey, I chisel cross at the  
 point and 4 - H E S 409 on the NE. face of the  
 same stone and raise a mound of stone 2 ft. base,  
 1½ ft. high, NE. of cor. from which

A 10 in. black oak bears N. 87° 00' W., 4 lks.

blazed and scribed 4 H E S 409 + B T

A 5 in. black oak bears N. 39° 52' E., 11 lks.

blazed and scribed 4 H E S 409 + B T

Thence N. 17° 15' W.

Asc. brushy E. slope 25 ft.

13.20 Cease ascending and desc. NE. slope 25 ft.

13.86 Trail bears E. and W.

30.80 To cor. No. 1 the place of beginning.

Area.

Total area..... 25.91 acres.

Improvements.

A log dwelling, 20 x 16 ft. the long side extending N.  
 and S. and the SE. cor. of which bears N. 24° 48' W.,  
 5.27 chs. from cor. No. 3. of this survey.

Value..... \$200.00

A log chicken house 15 x 15 ft. the long side extending E.  
 and W. and the SE. cor. of which bears N. 20° 10' W.,



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Chains

5.70 chs. from cor. No. 3 of this survey.

Value..... \$ .50.00

A stone and log cellar 14 x 10 ft. the long side extending E. and W. and the SE. cor. of which bears N. 17° 40' W., 5.40 chs. from cor. No. 3 of this survey.

Value..... \$ 50.00

A tent and frame dwelling 12 x 10 ft. the long side extending N. and S. and the SE. cor. of which bears N. 30° 24' W., 5.09 chs. from cor. No. 3 of this survey.

Value..... \$ 30.00

Approximately 1/2 mile of fencing.

Value..... \$ 50.00

Approximately 2 acres of cultivated land.

Description.

This claim is situated on Spring Creek a tributary of the Tonto and is valuable for gardening and stock raising.

There is no timber of commercial value in this section. Walnut and sycamore grow along the Creek.

Sufficient water for all purposes flows in Spring Creek.

The soil is a sandy loam and would produce the ordinary crops of the temperate zone. Good garden vegetables have been raised.

This section is not reported to be mineralized, and no townsites, coal, or oil claims are known to have been located in this vicinity.

There are no conflicts or adjoining claims.

Young postoffice is 12 miles by trail in a northeasterly direction. Globe railway station is 68 miles by trail and road in a southerly direction.

Chains

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 49° 22' E.	25.73			16.76	19.53
2-3	S. 12° 00' W.	12.95			12.67	2.69
3-4	N. 89° 52' W.	7.68			.02	7.68
4-1	N. 17° 15' W.	30.80			29.41	9.13
		<u>77.16</u>			<u>29.43</u>	<u>19.53</u>
					<u>29.43</u>	<u>19.50</u>

Error in lat. and dep. .00 .03

Closing error 1:2572

Survey completed March 15, 1916.

*Walter P. Turley*  
Surveyor-Forest Service

Description

This claim is situated on Spring Creek a tributary of the Tonto and is valuable for gardening and stock raising.

There is no timber of commercial value in this section. Walnut and sycamore grow along the creek.

Sufficient water for all purposes flows in Spring Creek. The soil is a sandy loam and would produce the ordinary crops of the temperate zone. Good garden vegetables have been raised.

This section is not reported to be mineralized, and no townships, coal, or oil claims are known to have been located in this vicinity.

There are no conflicts or adjoining claims.

Your postoffice is 18 miles by trail in a northeasterly direction. Globe railway station is 88 miles by trail and road in a southerly direction.



APPROVAL

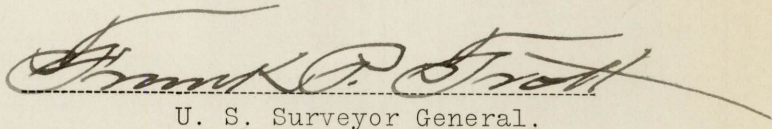
Office of the United States Surveyor General,

Phoenix, Arizona, June 19 , 1917

The foregoing field notes of Homestead Entry Survey No.

409

executed by **Walter G. Turley, Surveyor-Forest Service** [Forest Service Title.]  
under his special instructions, dated **September 23** , 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.

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**Frank P. Trott**  
U. S. Surveyor General.