

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MAY 17 1915

MAY 26 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 173

SITUATED IN THE

TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 25, surveyed, Township 9 N., Range 10 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service
Under special instructions dated February 17, 1914
Survey commenced May 23, 1914
Survey completed May 23, 1914
Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing M. A. Blake and J. F. Holder.

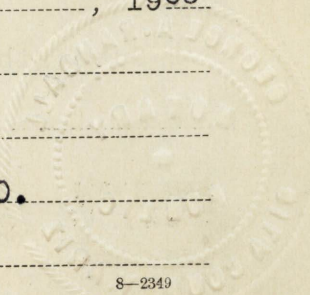
Residence Gisela, Arizona
Application No. 17 dated February 26, 1907
Application No. 20, dated March 14, 1907
List No. 999 dated January 29, 1908
List No. 1000, dated January 29, 1908

Applicant for survey Curtis Neal

Residence Payson, Arizona

H. E. No. 012683, dated November 23, 1910.

Land district Phoenix, Arizona.



OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Surveyor-Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 173, in
- surveyed Section 25, Township 9 N., Range 10 E.,
- surveyed Section ---, Township ---, Range ---,

of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey 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 fur-
nished by the United States Surveyor General for Arizona.

Note: It would have been
very inconvenient and ex-
pensive to appear before
an officer to administer
the oaths to Assistants;
hence, they were taken by
the Surveyor.

Charles D. Hudson Chairman
Charles S. Baecht Chairman

Subscribed and sworn to before me this 26th day of
May, 1914.

Walter G. Turley
Surveyor-Forest Service

OATH OF SURVEYOR

I, Walter G. Turley, Surveyor-Forest Service, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
February 17, 1914, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List No. 999 & No. 1000, dated January 29 1908, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 173,
situated within the TONTO National Forest, in
- surveyed Section 25, Township 9 N., Range 10 E., and
- surveyed Section ---, Township ---, Range ---,

of the G. & S.R.B. & 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 perpet-
uated in strict accordance with the stated special instruc-
tions, 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.

Subscribed and sworn to before me this 26th day of
May, 1914.

George A. Randall
Notary Public



George A. Randall
Notary Public
February 26/1914

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicants for listing M. A. Blake and J. F. Holder;
Applications No. 17 and 20, dated February 26, 1907
and March 14, 1907; Lists No. 999 and 1000, dated
January 29, 1908; H. E. No. 012683, made at Phoenix,
Arizona on November 23, 1910 by Curtis Neal, embracing
a portion of each list.

Surveyed under special instructions from the Surveyor
General for Arizona, dated February 17, 1914, and
designated as Homestead Entry Survey No. 173.

Situated in sec. 25, T. 9 N., R. 10 E., Gila and Salt
River Base and Meridian, within the Tonto National
Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4,
1913.

Survey commenced May 23, 1914, and executed with a W.
and L. E. Gurley light mountain transit No. 12953,
with vertical circle and Burt solar attachment.

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

The stadia is adjusted to read 1:132.

All measurements were made on the slope with a 400 link
steel tape and a Philadelphia stadia rod; and the
slope angles determined with a clinometer.

May 23, 1914.

At 7h. 00m. a.m., l.m.t., I set off $20^{\circ} 31' N.$ on the
decl. arc and $34^{\circ} 06-1/2'$ on the lat. arc, and deter-
mine a meridian with the solar at cor. No. 3, H. E. S.
No. 157, and my line of sight falls upon the meridian
established by Polaris observations on May 17 and 18

HOMESTEAD ENTRY SURVEY NO. 173

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STATE OF ARIZONA

Chains	<p>in connection with the survey of H. E. S. 157, and marked with a tack in a stake set 4.00 chs. N. of my station. Therefore, I conclude that my instrument is in satisfactory adjustment.</p>
	<p>May 23, 1914.</p> <p>At 7h. 30m. a.m., l.m.t., I set off 20° 31' N. on the decl. arc, and 34° 06' on the lat. arc, and determine a meridian with the solar at the 1/4 sec. cor. between secs. 24 and 25, T. 9 N., R. 10 E., which is a granite stone 14 x 6 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.</p>
	<p>Thence South</p> <p>On a random line.</p>
80.08	<p>I fall 10 links E. of the 1/4 sec. cor. common to secs. 25 and 36, which is a granite stone 8 x 8 x 5 ins. above ground, marked and witnessed as described by the Surveyor General.</p>
	<p>Thence N. 0° 04' E.</p> <p>On a true line.</p>
40.04	<p>Temp. 1/16 cor. at point for center of sec. 25.</p>
60.06	<p>Temp. 1/16 cor. at point for SE. cor. NE/4 NW/4 sec. 25.</p>
70.07	<p>Temp. NE. cor. SE/4 NE/4 NW/4, sec. 25.</p>
80.08	<p>The 1/4 sec. cor. common to secs. 24 and 25, heretofore described.</p>
	<p>From 1/4 sec. cor. on W. boundary sec. 25, T. 9 N., R. 10 E., which is a sandstone 10 x 4 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.</p>

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Chains

Thence East.

79.73 I fall 13 links N. of the 1/4 sec. cor. common to secs. 25 and 30, which is a granite stone 10 x 5 x 5 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence N. 89° 55' W. On a true line.

39.68 Intersect the N. and S. median line of sec. 25 at a point 40.06 chs. S. 0° 04' W. of the 1/4 sec. cor. of secs. 24 and 25 and 40.02 chs. N. 0° 04' E. of the 1/4 sec. cor. common to secs. 25 and 36.

59.71 The point for SW. cor. SE/4 NW/4, sec. 25, and point for cor. No. 4 of this survey.

79.73 The 1/4 sec. cor. common to secs. 25 and 26, heretofore described.

Thence North.

Between secs. 25 and 26 from the 1/4 sec. cor. common to secs. 25 and 26, heretofore described.

39.94 Fall 1 link East of cor. of secs. 23 and 24, 25 and 26, which is a conglomerate stone 16 x 6 x 7 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence S. 0° 01' E.

On a true line.

19.97 Temp. SW. cor. NW/4 NW/4, sec. 25.

39.94 The 1/4 cor. to secs. 25 and 26, heretofore described.

Thence East.

On a random line, from cor. of secs. 23, 24, 25 and

Chains	26, heretofore described.
40.03	Fall 18 lks. N. of the 1/4 sec. cor. to secs. 24 and 25, heretofore described.
	Thence N. 89° 45' W.
	On a true line.
10.01	Point for NW. cor. NE/4 NE/4 NW/4, sec. 25.
20.01	Point for NW. cor. NE/4 NW/4, sec. 25.
40.03	Cor. of secs. 23, 24, 25 and 26, heretofore described.
	Thence East.
	On a random line. From point for NW. cor. SW/4 NW/4, sec. 25.
40.04	Fall 7 lks. N. of point for NE. cor. SE/4 NW/4, sec. 25.
	Thence N. 89° 54' W.
	On a true line between the N/2 and S/2 of the NW/4, sec. 25.
10.01	The point for SW. cor. SE/4 NE/4 NW/4, sec. 25, and point for cor. No. 5 of this survey.
20.02	Temp. SW. cor. NE/4 NW/4, sec. 25.
40.04	The point for NW. cor. SW/4 NW/4, sec. 25.
	Thence South.
	On a random line from the point for NW. cor. NE/4 NW/4, sec. 25. Between the E/2 and W/2 of the NW/4, sec. 25.
40.03	Fall 5 lks. E. of the point for SW. cor. SE/4 NW/4, sec. 25.
	Thence N. 0° 04' E.
	On a true line.
20.02	Intersect the line between the N/2 and S/2 of the NW/4, sec. 25, at a point 20.02 chs. N. 89° 54' W. of the

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Chains point for NE. cor. SE/4 NW/4, sec. 25, and 20.02 chs.
S. 89° 54' E. of the point for NW. cor. SW/4 NW/4,
sec. 25.

40.03 The point for NW. cor. NE/4 NW/4, sec. 25.

Thence North.

On a random line from point for SW. cor. SE/4 NE/4
NW/4, sec. 25, between the E/2 and W/2 of the NE/4
NW/4, sec. 25.

20.01 I fall 1 link W. of the point for NW. cor. NE/4 NE/4
NW/4, sec. 25.
Thence S. 0° 02' W.

On a true line between the E/2 and W/2 of the NE/4
NW/4, sec. 25.

13.72 To cor. No. 7 of approved H. E. S. No. 57, John F.
Booth and cor. No. 1 of this survey.

20.01 The point for SW. cor. SE/4 NE/4 NW/4, sec. 25, and
cor. No. 5 of this survey.

Cor. No. 1.

Identical with cor. No. 7 of H. E. S. No. 57, John
F. Booth, which is a granite stone 12 x 8 x 10 ins.
above ground, marked 7 - H E S 57 on the NE. face.

I mark 1 - H E S 173 on the SE. face of the same
stone; and raise a mound of stone 2 ft. base, 1-1/2
ft. high, SE. of cor., from which:

A mesquit, 4 ins. dia., bears S. 64° 30' E.,
87 lks. dist., marked 1 H E S 173 B T.

The 1/4 cor. bet. secs. 24 and 25, T. 9 N.,
R. 10 E., which is a granite stone 14 x 6
x 6 ins. above ground, marked and witnessed

Chains

30.03 bearings described by the Surveyor General,
bears N. $36^{\circ} 11'$ E., 17.12 chs. dist.

No other bearings available. Pits impracticable.

Mag. Va. at 9.00 a.m., $14^{\circ} 35'$ E. Mean Mag. decl. $14^{\circ} 32'$ E.

Long. $111^{\circ} 15' 30''$ W., obtained from special instructions from the Surveyor General.

Thence S. $86^{\circ} 57'$ E.

Along line 7-6 of approved H. E. S. No. 57, the W. C. to cor. No. 6, H. E. S. 57, hereinafter described, being plainly visible. Descend E. slope 25 ft. to cor.

15.80 Irrigating ditch, 6 lks. wide, course S.

16.68 To witness cor. to cor. No. 6 of H. E. S. No. 57, which is a quartzite stone 9 x 8 x 9 ins. above ground, marked and witnessed as described by the Surveyor General.

20.03 To cor. No. 2.

At which point I set a quartzite stone 28 x 9 x 8 ins. 18 ins. in the ground, over a small stone marked with a cross, marked 2 - H E S 173 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which:

A hackberry, 16 ins. dia., bears S. $86^{\circ} 30'$ W.,

130 lks. dist., marked 2 H E S 173 B T.

A sycamore, 22 ins. dia., bears S. $59^{\circ} 30'$ E.,

118 lks. dist., marked 2 H E S 173 B T.

Thence S. $21^{\circ} 30'$ W.

Over bottom land in undergrowth.

5.00 Fence, bears N. and S.

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Chains	
23.00	Fence, bears NE. and SW.
25.65	Intersect boundary between Lists 999 and 1000, bears NW. and SE.
24.15	Road, bears NE. and SW.
27.16	To cor. No. 3 and a 1/16 sec. cor. Identical with the center of sec. 25, T. 9 N., R. 10 E., and NE. cor. patented claim of Wm. M. Gibson, H. E. 05582. At this point I set a quartzite stone 26 x 9 x 8 ins., 16 ins. in the ground, over a small stone marked with a cross, marked 1/16 - 3 - H E S 173 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A sycamore, 12 ins. dia., bears N. 83° W., 58 lks. dist., marked 1/16 3 H E S 173 B T. A sycamore, 15 ins. dia., bears N. 71° W., 62 lks. dist., marked 1/16 3 H E S 173 B T.
	Thence N. 89° 55' W. Between the N/2 and S/2 of sec. 25, along N. line of H. E. 05582, patented to Wm. W. Gibson, over bottom land.
0.25	Road, bears NE. and SW.
1.34	Corral fence, bears NE. and SW.
1.76	Corral fence, bears NW. and SE.
2.30	Fence, bears WNW. and ESE.
4.35	Fence, bears N. and S.
4.50	Irrigating ditch, 4 lks. wide, course S. Enter cultivated land.
13.15	Irrigating ditch, 5 lks. wide, course S.
13.25	Fence, bears N. and S. Leave cultivated land and ascend E. slope 10 ft.

Chains
20.03

To cor. No. 4 and a 1/16 sec. cor.
Identical with the point for SW. cor. SE/4 NW/4, sec. 25. At this point I set a limestone 24 x 10 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross, for a 1/16 sec. cor. and cor. No. 4 of this survey, marked 1/16 - 4 - H E S 173 on the NE. face; and raise a mound of stones 2 ft. base, 1-1/2 ft. high NE. of cor., from which:
A mesquit, 5 ins. dia., bears N. 87° E., 91 lks. dist., marked 1/16 4 H E S 173 B T.
A mesquit, 5 ins. dia., bears N. 9° 45' W., 179 lks. dist., marked 1/16 4 H E S 173 B T.

Thence N. 26° 34' E.

Ascend SE. slope 10 ft. to mesa.

2.00 Edge of mesa, bears N. and S. Continue over mesa.

5.90 Fence, bears N. and S.

10.25 Intersect bdy. bet. Lists 999 and 1000, bears NW. and SE.

22.38 To cor. No. 5.

Identical with the point for SW. cor. SE/4 NE/4 NW/4, sec. 25. At which point I set a diabase stone 28 x 9 x 8 ins., 18 ins. in the ground, over a small stone marked with a cross, marked 5 - H E S 173 on the E. face; and raise a mound of stones 2 ft. base, 1-1/2 ft. high, E. of cor., from which:

A mesquit, 12 ins. dia., bears N. 17° E., 15 lks. dist., marked 5 H E S 173 B T.

A mesquit, 10 ins. dia., bears N. 46° 45' E., 197 lks. dist., marked 5 H E S 173 B T.

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Chains

Thence N. 0° 02' E.
Between the E/2 and W/2 of the NE/4 NW/4, sec. 25.
Ascend 5 ft. to cor.

4.55 Fence, bears NE. and SW.

6.29 To cor. No. 1, the place of beginning.

May 23, 1914.

At 11h. 57m. a.m., l.m.t., I set off 20° 32' N. on the decl. arc and observe the sun on the meridian at cor. No. 1 and obtain a reading of 34° 06' N. on the lat. arc.

AREA

Area - - - - - 49.04 acres.

IMPROVEMENTS

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

A frame store house, 18 x 12 ft., the long side of which bears E. and W., and the SE. cor. bears N. 36° 25' W., 6.37 chs. dist. from cor. No. 3.

Value ----- \$100.00

A frame dwelling 24 x 24 ft., the long side of which bears N. and S. and the SE. cor. bears N. 35° 05' W., 6.76 chs. dist. from cor. No. 3.

Value ----- \$800.00

A frame hay barn 36 x 42 ft., the long side of which bears E. and W. and the SE. cor. bears N. 31° 35' W., 12.20 chs. dist. from cor. No. 3.

Value ----- \$500.00

A frame barn 40 x 42 ft., the long side of which bears

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Chains N. and S. and the SW. cor. bears N. 10° 25' E., 7.45
 chs., dist. from cor. No. 3.
 Value ----- \$500.00

DESCRIPTION

This claim is situated on Tonto Creek in Gisela valley sloping South. Sycamore, ash and hackberry grow in the bottom.
 There is plenty of water for irrigation and domestic use. The soil is a clay loam and very fertile. This claim appears to be non-mineral in character.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. This claim is joined on the North by patented H. E. S. No. 57, John F. Booth and on the South by patented serial 05582, William W. Gibson.
 Payson post office is 12 miles in a northerly direction and is reached by wagon road.
 Globe railway station is 70 miles in a Southeasterly direction, and is reached by 90 miles of wagon road.

May 23, 1914.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	S. 86° 57' E.	20.03		1.07	20.00	
2-3	S. 21° 30' W.	27.16		25.27		9.95
3-4	N. 89° 55' W.	20.03	0.03			20.03
4-5	N. 26° 34' E.	22.38	20.02		10.01	
5-1	N. 0° 02' E.	6.29	6.29			
		95.92	26.34	26.34	30.01	29.98
				26.34	29.98	
	Error in Lat. and Dep.			.00	.03	

Closing error 1:3197.

Walter J. Turley
 Surveyor - Forest 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.
3. The corrections for balancing fallings should be proportional to the lengths of the lines. 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. 173, STATE OF ARIZONA, TONTO. Curtin Weel.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1	S. 86° 57' E.	20.03		1 07	20 00		40 00		42 80
2	S. 21° 30' W.	27.16		25 27	9 95		50 04		1264 51
3	N. 89° 55' W.	20.03	0 03		20 03		20 04	0 60	
4	N. 26° 34' E.	22.38	20 02		10 01		10 00	200 20	
5	N. 00° 02' E.	6.29	6 29				20 00	125 80	
		95.92	26 34	26 34	30 01	29 98		326 60	1307 31
			26 34	26 34	30 00	30 00			326 60
	Closing error	1:3197.							980 71
									49 04 -
									Area. T.H.

45

STATE OF TEXAS

Official seal and text of the State of Texas, including the date and location of the meeting.

Table with columns: NAME, ADDRESS, COUNTY, DISTRICT, etc. Contains names like 'J. W. ...' and 'J. ...'.

APPROVAL

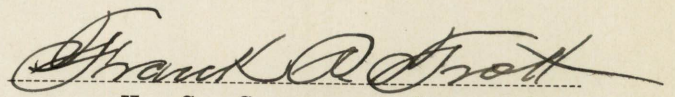
Office of the United States Surveyor General,

Phoenix, Arizona, May 29, 1916.

The foregoing field notes of Homestead Entry Survey No.

173

executed by Walter G. Turley, Surveyor-Forest Service
under his special instructions, dated February 17, 1914,
having been critically examined, and the necessary correc-
tions 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 Arizona,
has been correctly copied from the original notes on file in
this office.

Frank P. Trott
U. S. Surveyor General.