

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MAY 13-1915

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 151

SITUATED IN THE

----- TONTO ----- NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 3, unsurveyed, Township 7 N., Range 12 E.
(secs 2, 3 and 10)

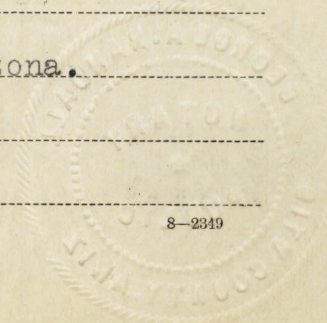
of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service
Under special instructions dated November 29, 1913
Survey commenced May 13, 1914
Survey completed May 14, 1914
Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing Jacob B. Lauffer,
Residence Mesa, Arizona
Application No. 145, dated August 15, 1908
List No. 3-1306, dated May 23, 1911
Applicant for survey Elmer D. Boody,
Residence Roosevelt, Arizona.
H. E. No. 016576, dated January 30, 1912
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. 151, in
unsurveyed Section 3, Township 7 N., Range 12 E.,
unsurveyed 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 the Assistants;
 hence, they were taken by
 the Surveyor.

Charles D. Hobson, 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

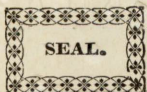
I, Walter G. Turley, Surveyor-Forest Service, do solemnly swear
 that, in strict conformity with the special instructions of
 the United States Surveyor General for Arizona, dated
November 29, 1913, and the laws of the United States, I have
 well, faithfully, and truly, in my own proper person, sur-
 veyed a tract of land ~~upon the application of~~ embraced in
List, No 3-1306, dated May 23, 1911, for
Patent, under the Act of June 11, 1906,
 the same to be known as Homestead Entry Survey No. 151,
 situated within the TONTO National Forest, in
unsurveyed Section 3, Township 7 N., Range 12 E., and
unsurveyed 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 second day of

May, 1914.



Commissioners
February 21st 1914

Henry A. Randall
 Notary Public

TONTONATIONAL FOREST

STATE OF ARIZONA

Chains. Applicant for listing Jacob B. Lauffer; Application
No. 145, dated August 15, 1908; List No. 3-1306
dated May 23, 1911; H.E.No. 016576 made at Phoenix,
Arizona on January 30, 1912 by Elmer D. Boody.
Surveyed under Special instructions from the Surveyor
General for Arizona, dated November 29, 1913; and
designated as Homestead Entry Survey No. 151.
Situating in unsurveyed T. 7. N., R. 12. E., G. & S. R.
B. and M., in what will probably be, when surveyed
Sec. 3, Tonto National Forest, Arizona.
Surveyed under the Acts of June 11, 1906 and March 4, 1913.

Survey commenced May 13, 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 neces-

sary 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 13, 1914.

At 8h. 26m. p.m., l.m.t., I observe Polaris at
Cor. No. 1, identical with Cor. H-1 of the list sur-
vey which is a limestone 8 x 3 x 9 ins. above ground
marked and witnessed as described by the Forest
Service; and mark the line thus determined with
a tack in a stake set 5.00 chs. N. of my station.

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains: Astron. l.m.t. obsn. May 12, 1914 32h. 26m.

Astron. l.m.t., U.C.Pol. May 12, 1914 22h. 05.2m.

Hour angle of Pol. at obsn. 10h. 20.8m.

Azimuth of Pol. at obsn. $0^{\circ} 34' 06''$ W.

May 13, 1914.

May 14, 1914.

At 4h. 06m., a.m., l.m.t., I observe Polaris at Eastern elongation at Cor. No. 1 and mark the line thus determined with a tack in a stake set 5.00 chains North of my station.

Azimuth of Pol. at E. elong. $1^{\circ} 23\frac{1}{2}'$ E.

I turn off $1^{\circ} 23\frac{1}{2}'$ to the West and mark the line upon the ground with a tack in a stake set 5.00 chs. N. of my station.

I also turn off $0^{\circ} 34'$ to the East from my line of sight of last night's observation, which defines a meridian that differs $0^{\circ} 00' 20''$ from the line established by this morning's observation. I mark the mean of these two lines by driving a tack in a stake set 5.00 chains North of my station and from the corresponding meridian all the courses of this survey were deflected.

There being no Cor. of the public land survey or U.S. location Monument within the prescribed limits, I establish U.S.L.M.No. 151 H.E.S. on a high point of a ridge. I set a quartzite stone 30 x 20 x 9 ins., 20 ins. in the ground, over a marked stone, marked U S L M No. 151 H E S on the N. face and raise a conical mound of stone 6 ft. base, 4 ft. high S.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains of Cor., from which:

A juniper 26 ins. dia., bears S. 38° 15' E. 71 links dist., marked U S L M No. 151. H E S B T.

A juniper 30 ins. dia. bears S. 43° W. 108 links dist., marked U S L M No. 151. H E S B T.

A Forest Service Monument which is a limestone 8 x 8 x 20 ins. above ground marked and witnessed as described by the Forest Service, bears N. 42° 10' E., 25 links dist.

Bryant's Butte bears N. 49° 30' E. approximately 8 miles dist.

Jerkey Butte bears N. 73° 15' E. approximately 5 miles dist.

Forest Service lookout tower on McFadden Peak bears S. 62° 35' E. approximately 9 miles dist.

Diamond Butte bears N. 5° 50' E. approximately 14 miles dist.

Cor. No. 1, H. E. S. No. 151 bears N. 4° 45' E. 3.64 chains dist.

Thence N. 4° 45' E. on a tie line.

3.64 To Cor. No. 1.

Identical with Cor. H-1 of the list survey heretofore described. I destroy all trace of this list cor. and at this point I set a limestone 36 x 10 x 4 ins. 26 ins. in the ground, over a marked stone for Cor. No. 1, marked 1-HES151 on the E. face and raise a mound of stone 2 ft. base, 1½ ft. high, E. of Cor., from which:

A juniper 20 ins. dia., bears S. 84° 15' E. 148 links dist., marked 1 H E S 151 B T.

Chains	A juniper 20 ins. dia., bears N. 15° E. 66 links dist., marked 1 H E S 151 B T. Mag. Va. at 9:00 a.m., 14° 45' E. Mean Mag. Va. 14° 42' E. Lat. 33° 58' 40" N., Long. 111° 07' 14" W., derived from the special instructions from the Surveyor General.
	Thence N. 70° 50' E. Descend NE. slope 75 ft. to ravine.
0.23	Fence bears NW. and SE.
31.50	Ravine course, SE. Ascend 35 ft. to ridge.
43.60	Ridge bears NW. and SE. Descend NE. slope 10 ft.
45.39	To Cor. No. 2. Identical with Cor. H-5 of the list survey which is a limestone 8 x 8 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I de- stroy all trace of the list cor. and at this point I set a quartzite stone 26 x 10 x 10 ins., 16 ins. in the ground, over a marked stone, marked 2-HES151 on the S. face and raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor., from which: An oak 10 ins. dia., bears S. 1° W. 22 links dist., marked 2 H E S 151 B T. An oak 5 ins. dia., bears S. 75° 30' E. 49 links dist., marked 2 H E S 151 B T.
	Thence S. 75° 27' E. Descend E. slope 100 ft. to Turkey Creek.
18.25	Fence bears NE. and SW. Enter cultivated land.
19.01	Fence bears N. and S. Leave cultivated land.
19.17	Left bank Turkey Creek bed, 100 links wide, banks 4 ft. high, course N. Ascend 10 ft.

Chains
24.53

To Cor. No. 3.

Identical with Cor. H-4 of the list survey which is a sandstone 9 x 6 x 9 ins. above ground marked and witnessed as described by the Forest Service. I de-

stroy all trace of the list cor. and at this point I set a quartzite stone 24 x 8 x 7 ins., 14 ins. in the ground, over a marked stone, marked 3-HES151 on the W. face and raise a mound of stone 2 ft. base, 1½ ft. high, W. of Cor., from which:

An oak 6 ins. dia., bears N. 78° 10' W. 62 links dist. marked 3 H E S 151 B T.

An oak 5 ins. dia., bears S. 75° 30' E. 49 links dist. marked 3 H E S 151 B T.

Thence S. 36° 55' W.

Ascend NW. slope 30 ft. to Cor.

21.00 Right bank Turkey Creek 100 links wide, banks 3 ft. high, course N.

34.40 Left bank Turkey Creek 40 links wide, banks 2 ft. high, course E.

36.10 Fence bears N. and S.

38.40 Fence bears NE. and SW.

39.96 To Cor. No. 4.

Identical with Cor. H-3 of the List survey which is a limestone 8 x 6 x 15 ins. above ground, marked and witnessed as described by the Forest Service.

I destroy all trace of the list cor. and at this point I set a sandstone 36 x 9 x 8 ins., 26 ins. in the ground over a marked stone, marked 4-HES151 on the NW. face and raise a mound of stone 2 ft. base;

1½ ft. high, NW. of Cor., from which:

Chains

An oak 12 ins. dia., bears S. 88° 40' W., 71
links dist., marked 4 H E S 151 B T.

A pine 8 ins. dia., bears N. 48° 30' W., 47
links dist., marked 4 H E S 151 B T.

Thence S. 74° 55' W.

Ascend 20 ft. along N. slope in timber.

11.98 To Cor. No. 5.

Identical with Cor. H-2 of the list survey which is
a sandstone 10 x 4 x 8 ins. above ground marked
and witnessed as described by the Forest Service. I

destroy all trace of the list cor. and at this point

I set a quartzite stone 26 x 10 x 9 ins., 16 ins. in
the ground, over a marked stone, marked 5-HES151 on

the N. face and raise a mound of stone 2 ft. base,
1½ ft. high, N. of Cor., from which:

A pine 29 ins. dia., bears N. 69° 10' E., 40
links dist. marked 5 H E S 151 B T.

An oak 5 ins. dia., bears N. 2° 45' W. 28
links dist. marked 5 H E S 151 B T.

Thence N. 49° 46' W.

Descend NW. slope 25 ft. to Creek.

1.80 Trail to Tonto Creek bears NE. and SW.

1.90 Fence bears NE. and SW.

2.20 Irrigating ditch 3 links wide, course NE.

2.30 Right bank Turkey Creek 40 links wide, banks 3 ft.
high, course NE. Ascend SE. slope 125 ft.

40.43 Fence bears NW. and SE.

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

The sun was obscured at apparent noon, therefore a

GRAND TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

no latitude observation was not possible.

AREA.

Total area in Sec. 3 ----- 146.95 acres.

IMPROVEMENTS.

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

A frame blacksmith shop, 18 x 10 ft., the long side of which bears E. and W. and the SW. cor. bears N. 17° 30' E., 3.75 chains dist., from Cor. No. 5.

Value ----- \$ 40.00

A frame tool house, 24 x 10 ft., the long side of which bears N. and S. and the SW. Cor. bears N. 11° 30' E., 4.30 chains dist., from Cor. No. 5.

Value ----- \$150.00

A stone store house 12 x 10 ft. the long side of which bears N. and S. and the SW. Cor. bears N. 8° 00' E. 5.50 chs. dist. from Cor. No. 5.

Value ----- \$100.00

A well 4 x 4 x 16 ft. deep, the center of which bears N. 16° 45' E., 5.00 chains dist. from Cor. No. 5.

Value ----- \$100.00

A log kitchen, 16 x 12 ft., the long side of which bears N. and S. and SW. cor. bears N. 21° 40' E., 4.80 chains dist. from Cor. No. 5.

Value ----- \$100.00

A frame dwelling 32 x 16 ft., the long side of which bears E. and W., and the SW. Cor. bears N. 22° 40' E., 4.50 chains dist. from Cor. No. 5.

Value ----- \$500.00

Chains

A log stable 48 x 48 ft., the long side of which bears N. and S. and the SW. Cor. bears N. 61° 45' E., 7.00 chains dist. from Cor. No. 5.

Value ----- \$400.00

Approximately 2 miles of fencing.

Value ----- \$200.00

A small bearing orchard near the house.

DESCRIPTION.

This claim is situated on Turkey Creek, tributary to Tonto Creek, on the North slope of the mountains. Oak, pinon, juniper and walnut grow on the steep slopes. There are also a few yellow pine trees upon the claim. There is no surface water in Turkey Creek except during floods; but there are perennial springs along the creek bed.

The soil is a clay loam and very fertile. This land appears to be non-mineral in character.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims. Roosevelt Postoffice is 25 miles in a southerly direction and is reached by 17 miles of trail and 24 miles of wagon road. Globe railway station is 40 miles in a Southeasterly direction.

May 14, 1914.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE

Cor.	Course	Dist.	N.	S.	E.	W.
1	N. 70° 50' E.	45.39	14.90		42.87	
2	S. 75° 27' E.	24.53		6.16	23.74	
3	S. 36° 55' W.	39.96		31.95		24.00
4	S. 74° 55' W.	11.98		3.12		11.57
5	N. 49° 46' W.	40.76	26.33			31.12
		162.62	41.23	41.23	66.61	66.69
			<u>41.23</u>			<u>66.61</u>
Error in Lat. and Dep.			.00			.08
Closing error 1:2033.						

Walter G. Purley
Surveyor - Forest Service

NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

Cor.	Course	Dist.	N.	S.	E.	W.
1	N. 70° 50' E.	42.32	14.90			42.32
2	S. 78° 57' E.	24.53		6.16		24.53
3	S. 36° 55' W.	32.98		21.95		24.00
4	S. 74° 55' W.	11.98		3.12		11.57
5	N. 49° 46' W.	40.76	29.33			21.12
<hr/>						
		182.82	41.38	41.38	66.61	66.61
			41.38			66.61
			00.			80.

Closing error 1:2033.
Error in lat. and Dep.

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. 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 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. 151, STATE OF Arizona, Elmer D. Boody.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1.	N. 70° 50' E.	45.39	14.90		42.89 ⁹		42.89		
2.	S. 75° 27' E.	24.53		6.16	23.74 ⁵		109.53	674.70	
3.	S. 36° 55' W.	39.96		31.95		23.98 24.00	109.50	3492.14	
4.	S. 74° 55' W.	11.98		3.12		11.57 ⁶	73.76	230.13	
5.	N. 49° 46' W.	40.76	26.33		31.12 ⁰		31.10		
		162.62	41.23 41.23	41.23 41.23	66.61 66.64	66.69 66.64	1457.92	4396.97 1457.92 <u>2) 2939.05</u> 146.95 = Area.	
	Closing Error 1:2033								

T.A.

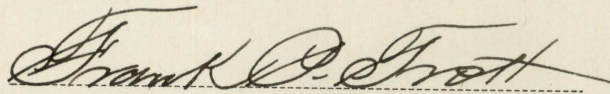
APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona, March 28, 1916.

The foregoing field notes of Homestead Entry Survey No.

151

executed by Walter G. Turley, Surveyor-Forest Service
under his special instructions, dated November 29 1913,
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.