

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

APR 19 1915
APR 24 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 139

SITUATED IN THE

..... TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.....

in

Section 17 , un surveyed, Township 10 N., Range 9 E.,

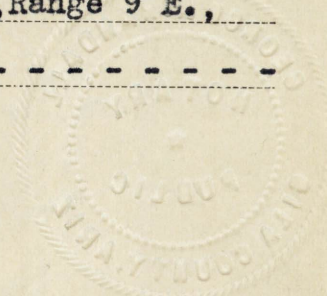
Section 18 , unsurveyed , Township 10 N., Range 9 E.,

Section 20 , unsurveyed , Township 10 N., Range 9 E.,

of the

Gila and Salt River Base and Meridian.

ARIZONA



Survey executed by W. H. Finigan, Forest Service Surveyor.

Under special instructions dated November 29 , 1913

Survey commenced March 14 , 1914

Survey completed March 16 , 1914

Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing Richard T. Taylor,

Residence Payson, Arizona

Application No. 154 , dated November 29 , 1908

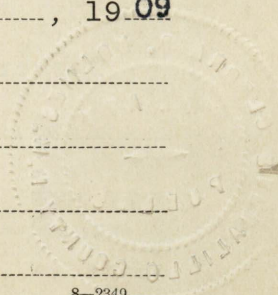
List No. 3-166 , dated April 27 , 1909

Applicant for survey Richard T. Taylor,

Residence Payson, Arizona

H. E. No. 06495 , dated July 26, 1909

Land district Phoenix, Arizona



G.K.

OATH OF ASSISTANTS

We hereby certify that we assisted W. H. Finigan,
Forest Service Surveyor in surveying all those
parts or portions of Homestead Entry Survey No. 139, in
un surveyed Section 17, Township 10 N., Range 9 E.,
un surveyed Section 18, Township 10 N., Range 9 E.,
un surveyed Section 20, Township 10 N., Range 9 E.,

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.

L. Vernon Slovacek Chairman
Ed Baecht Chairman

Subscribed and sworn to before me this 25th day of
March, 1914.

*Commission expires
Feb 26th 1916*

Thos A Randall
Notary Public

OATH OF SURVEYOR

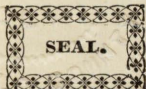
I W.H. Finigan, Forest Service Surveyor, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
November 29, 1913, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land upon the application of embraced in
List, No. 3-166, dated Apr. 27, 1909, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 139,
situated within the TONTO National Forest, in
un surveyed Section 17, Township 10 N., Range 9 E., and
un surveyed Section 18, Township 10 N., Range 9 E.,
un surveyed Section 20, Township 10 N., Range 9 E.,

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.

W. H. Finigan
Forest Service Surveyor.

Subscribed and sworn to before me this 22nd day of
April, 1914.

Clara B. Holmes
Notary Public
Bernalillo County, N.M.



My Commission expires
Oct. 16th, 1915.

TONTONATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Richard T. Taylor; Application No. 154, dated November 29, 1908; List No. 3-166, dated April 27, 1909; H. E. No. 06495, made at Phoenix, Arizona, by Richard T. Taylor, dated July 26, 1909. Surveyed under special instructions from the Surveyor General for Arizona, dated November 29, 1913, and designated as Homestead Entry Survey No. 139. Located in unsurveyed but what will probably be, when surveyed, secs. 17, 18 and 20, T. 10 N., R. 9 E., of the 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 March 14, 1914 and executed with a W. and L. E. Gurley light mountain transit with vertical circle and Burt solar attachment, the least count of all arcs being one minute:

The distances were measured with a 400 link steel tape directly on the slope and the slope angles determined with a clinometer.

March 11, 1914, at 8h. 08.7m. p.m., l.m.t., observe Polaris at western elongation at cor. No. 6, H. E. S. No. 131, and mark line of sight on ground. Next morning set off $1^{\circ} 23-1/2'$ to E. from observed line for true meridian.

March 12, 1914, at 8h. 04.7m. p.m., l.m.t., again observe Polaris at western elongation at same point and mark line of sight on ground. Next morning set off $1^{\circ} 23-1/2'$ to E. from observed line for true meridian, which agrees with previous meridian.

From the above established meridian deflect angle to cor.

Chains No. 3 of this survey, which gives a course of S. 9°42' W. and the courses of this survey were obtained by sustained angulation from the above determined course.

March 14, 1914.

Beginning at cor. No. 1.

Identical with cor. No. 5 of list, which is a sandstone 10 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 8 x 6 ins., 14 ins. in ground, over stone marked +, chiseled 1-HES139 on ENE. face; raise mound of stone 2 ft. base, 1-1/2 ft. high, ENE. of cor., whence:

A hackberry 12 ins. dia., scribed 1 H E S 139 B T,

bears N. 56° 40' W., 148 lks.

An oak, 6 ins. dia., scribed 1 H E S 139 B T,

bears N. 14° 45' E., 74 lks.

U. S. L. M. No. 131 H. E. S., which I established

in connection with H. E. S. No. 131, bears

N. 82° 07' W., 22.47 chs., in sight.

Mag. Va. at 12 M. 15° 06' E. Mean Mag. Va. 15° 08' E.

Lat. 34° 13' 50" N., derived from direct obsn. of March

13, 1914 at cor. No. 1 of H. E. S. 131, Long. 111°

29' W. derived from instructions from Surveyor General.

Thence N. 39° 28' E.

Over level open ground.

0.70 Wire fence, bears N. and S. Enter cultivated field,

bears N. and S.

3.60 Leave cultivated field, bears NW. and SE.

4.00 Wire fence, bears N. 85° W. and S. 85° E.

4.23 To cor. No. 2.

Identical with cor. No. 4 of list, which is a sandstone

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TONTON NATIONAL FOREST

ARIZONA.

Chains 10 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 6 x 6 ins. 14 ins. in ground, over marked stone, chiseled 2-HES139 on SE. face; raise mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., whence:

A sycamore 18 ins. dia., scribed 2 H E S 139 B T bears N. 21° 40' E. 87 lks.

A willow 12 ins. dia., scribed 2 H E S 139 B T bears S. 48° 15' E. 94 lks.

Cor. No. 1, H. E. S. No. 131, John Lazear, Jr., claimant, bears N. 36° 43' W. 14.00 chs.

Thence S. 89° 54' E.

Over level open ground.

12.02 To cor. No. 3. Identical with cor. No. 3 of list, which is a sandstone 12 x 8 x 5 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 10 x 8 ins. 14 ins. in ground, over marked stone chiseled 3-HES139 on SSW. face; raise mound of stone 2 ft. base, 1-1/2 ft. high SSW. of cor., whence:

A cottonwood 24 ins. dia., scribed 3 H E S 139 B T bears N. 11° 28' E. 130.5 lks.

A sycamore 8 ins. dia., scribed 3 H E S 139 B T bears S. 87° 20' E. 93 lks.

Cor. No. 6, H. E. S. No. 131, John Lazear Jr., claimant, bears N. 9° 42' E. 6.01 chs.

Cloudy at noon. No lat. obsn. possible.

Thence S. 50° 42' E.

Over level open ground.

2.85 Cor. wire fence bears N. 70° W., S. 45° W. and S. 50°

TONTON NATIONAL FOREST

ARIZONA.

Chains 42' E. Along wire fence, enter scattered timber.
 5.00 To cor. No. 4.
 Identical with cor. No. 2 of list, which is a limestone
 10 x 8 x 6 ins. above ground, marked and witnessed as
 described by Forest Service. Destroy same and set a
 limestone 24 x 8 x 6 ins. 14 ins. in ground, over mark-
 ed stone, chiseled 4-HES139 on SW. face; raise mound
 of stone 2 ft. base, 1-1/2 ft. high SW. of cor.,
 whence:
 A willow, 14 ins. dia., scribed 4 H E S 139 B T
 bears N. 71° 35' E. 22.5 lks.
 A sycamore 10 ins. dia., scribed 4 H E S 139 B T
 bears N. 10° 0' E. 88 lks.

Thence S. 32° 24' E.

Over level ground, through scattered timber. Leave
fence.

2.90 Wire fence, bears N. 42° E. and S. 42° W.
 14.00 Road to the Coppers, bears NE. and SW.
 15.00 To cor. No. 5.

Identical with cor. No. 1 of list, the position for
 which is determined according to call of listing sur-
 vey from witness trees which are as described by For-
 est Service. Destroy all evidence of list cor. and
 set a sandstone 24 x 10 x 6 ins. 14 ins. in ground,
 over marked stone, chiseled 5-HES139 on SW. face;
 raise mound of stone 2 ft. base, 1-1/2 ft. high SW.
 of cor., whence:

A sycamore 10 ins. dia., scribed 5 H E S 139 B T
 bears S. 76° 55' W. 13 lks.

A cottonwood 26 ins. dia., scribed 5 H E S 139 B T
 bears N. 5° 20' W. 98 lks.

TEMPE TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains Thence S. 62° 05' E.

Over level ground through scattered timber.

0.70 East Verde River, 60 lks. wide, banks 8 ft. high, course NW.

9.09 To cor. No. 6.

Identical with cor. No. 8 of list, which is a limestone 12 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a limestone 24 x 6 x 6 ins. 14 ins. in ground, over marked stone, chiseled 6-HES139 on WSW. face; raise mound of stone, 2 ft. base, 1-1/2 ft. high, WSW. of cor., whence:

A sycamore 12 ins. dia., scribed 6 H E S 139 B T bears N. 21° 15' E. 13 lks.

A willow 14 ins. dia., scribed 6 H E S 139 B T bears S. 87° 45' W. 54 lks.

Cor. No. 1, H. E. S. No. 140, Geo. F. Smith, claimant, bears N. 69° 17' E. 22.00 chs.

March 16, 1914.

Thence S. 35° 51' W.

Over level ground, through scattered timber.

0.50 Enter wash East Verde River, bank 5 ft. high, bears NW. and SE.

4.50 East Verde River, 50 lks. wide, course NW.

8.00 Leave wash East Verde River, bank 5 ft. high, bears NW. and SE.

8.80 Irrigation ditch, 10 lks. wide, 3 ft. deep, course NW.

9.00 Enter arroyo, 40 lks. wide, 10 ft. deep, course NE., along same.

9.10 Wire fence, bears N. 20' W. and S. 20' E.

10.00 Leave arroyo, 30 lks. wide, 8 ft. deep, course North. Asc. NE. slope 25 ft.

TONTONATIONAL FOREST

STATE OF ARIZONA

Chains
10.94

To cor. No. 7.

Identical with cor. No. 7 of list, which is a sandstone
14 x 14 x 10 ins. above ground, marked and witnessed

as described by the Forest Service. Destroy same and

set a sandstone 24 x 14 x 9 ins. 14 ins. in ground,

over marked stone, chiseled 7-HES139 on N. face; raise

mound of stone 2 ft. base, 1-1/2 ft. high N. of cor.,

whence:

A hackberry 8 ins. dia., scribed 7 H E S 139 B T

bears N. 25° 40' E. 124 lks.

+ B R 7 H E S 139 chiseled on face of limestone

boulder showing 1-1/2 x 6 x 3 ft. above ground,

bears N. 35° 20' W. 179 lks.

Thence N. 51° 58' W.

Asc. E. slope 50 ft. to top ascent. Leave scattered
timber, enter brush.

3.00 Top ascent, bears NE. and SW. Desc. N. slope 50 ft. to
bottom gulch.

11.50 Spring bears N. 38° E. 1.00 ch.

11.80 Road to Coppers, bears NE. and SW.

11.90 Bottom gulch 25 lks. wide course NE. Asc. E. slope 75 ft.

14.56 To cor. No. 8.

Identical with cor. No. 6 of list, which is a sandstone
12 x 14 x 6 ins. above ground, marked and witnessed as
described by the Forest Service. Destroy same and set

a sandstone 24 x 10 x 6 ins. 14 ins. in ground, over

marked stone, chiseled 8-HES139 on NE. face; raise

mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor.,

whence:

+ B R 8 H E S 139 chiseled on top of granite

boulder 1 x 1 x 1 ft. above ground, bears N.

16° 18' E. 28 lks.

TONTON NATIONAL FOREST

ARIZONA

Chains + B R 8 H E S 139 chiseled on top of sandstone
in place showing 1 x 3 x 1 ft. above ground,
bears N. 89° 45' W. 107 lks.

Thence N. 45° 01' W. Asc. E. slope 15 ft. to top ascent, through brush.

2.000 Top ascent, bears NW. and SE. Desc. NW. slope 75 ft. to bottom gulch. Leave brush, enter open ground.

7.90 Bottom gulch 50 lks. wide, course NW., asc. E. slope 25 ft. to ridge.

17.000 Top ridge, bears NE. and SW. Desc. N. slope 40 ft. to

23.250 Wire fence, bears N. 15° E. and S. 15° W.

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

00. At noon cloudy, no lat. obsn. possible.

Total Area Homestead Entry Survey No. 139, 40.21 acres.

IMPROVEMENTS.

The improvements made upon or for the benefit of this claim by the claimant or his grantors, consist of:

A log and frame house, the NW. cor. of which bears from cor. No. 8 N. 77° 20' E. 4.30 chs. 32 x 20 ft. long side bears N. 60° E. and S. 60° W.

Value ----- \$150.00

A frame shed, the NW. cor. of which bears from cor. No. 8, S. 79° 35' E. 4.50 chs. 7 x 12 ft. long side bears N. 45° W. and S. 45° E.

Value ----- \$ 25.00

A pole barn, the NW. cor. of which bears from cor. No. 8

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ARIZONA

Chains S. 76° 10' E. 5.45 chs. 28 x 40 ft. long side bears N. 30° W. and S. 30° E.

Value ----- \$ 50.00

A log cabin the NW. cor. of which bears from cor. No. 8, S. 88° 30' E. 3.85 chs. 8 x 12 ft. long side bears N. 45° W. and S. 45° E.

Value ----- \$ 25.00

An iron roof frame barn, the NE. cor. of which bears from cor., No. 5, S. 40° 20' W. 2.00 chs. 36 x 48 ft. long side bears N. 30° W. and S. 30° E.

Value ----- \$ 300.00

About 1-1/4 miles of wire fence, partly outside claim.

Value ----- \$ 200.00

About 1 mile of irrigation ditch, partly off of claim.

Value ----- \$ 300.00

Total estimated value of improvements ----- \$ 1,050.00.

Claimant also has approximately 17 acres under cultivation, about 1/4 acre of which is outside claim.

DESCRIPTION.

This claim lies in the valley of the East Verde River and excepting that portion along the SW. boundary is level bottom land.

There is some timber on claim, such as willow and sycamore, more but no merchantable pine.

Water for domestic purpose is supplied by a spring, while for irrigation purposes the East Verde River furnishes an abundant supply.

The claim is situated in the Green Valley mining district but no mineralization was observed or known on claim.

The land is chiefly used for agricultural purposes and is well adapted to such.

TONTON NATIONAL FOREST

ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS.

H. E. S. No. 131, H. E. No. 014742, John Lazear, Jr., lies just north of this claim. H. E. S. No. 140, H. E. No. 010203, George F. Smith, is east of this claim about 1/4 mile, H. E. S. No. 130, H. E. No. 016549 and List 3-2932, Allen Belluzzi is situated about 1 mile west. The Coppers, a mining property is located about 2-1/2 miles westerly. Payson, Arizona, the nearest settlement and postoffice is about 12 miles easterly, and is reached by a fair wagon road. U. S. L. M. No. 1, Green Valley M. D. is about 4 miles southwesterly. U. S. L. M. No. 5, Green Valley M. D. is about 3-1/2 miles northerly. Survey completed March 16, 1914.

TRAVERSE.

Sta.	Course	Dist.	N	S	E	W
1-2	N. 39° 28' E.	4.23	3.27		2.69	
2-3	S. 89° 54' E.	12.02		0.02	12.02	
3-4	S. 50° 42' E.	5.00		3.17	3.87	
4-5	S. 32° 24' E.	15.00		12.67	8.04	
5-6	S. 62° 05' E.	9.09		4.26	8.03	
6-7	S. 35° 51' W.	10.94		8.87		6.41
7-8	N. 51° 58' W.	14.56	8.97			11.47
8-1	N. 45° 01' W.	23.72	16.77			16.78
		94.56	29.01	28.99	34.65	34.66
			<u>28.99</u>			<u>34.65</u>
Error in Lat. and Dep.			.02			.01
Error of closure 1:4221.						

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TONTON NATIONAL FOREST

ARIZONA

Chains

Any discrepancy between these field notes and those of

the listing survey is due to error in the latter.

lies just north of this claim. H. E. S. No. 140, H. E. M. No. 010203, George T. Smith, is east of this claim about 1/4 mile. H. E. S. No. 130, H. E. M. No. 016249 and list 3-2932, Allen Bellini is situated

W. H. Finigan

Forest Service Surveyor.

Payson, Arizona, the nearest settlement and postoffice is about 12 miles easterly, and is reached by a fair wagon road.

U. S. L. M. No. 1, Green Valley M. D. is about 4 miles southwesterly.

U. S. L. M. No. 5, Green Valley M. D. is about 3-1/2 miles northerly.

Survey completed March 16, 1914.

TRAVELER

Sta.	Course	Dist.	N	S	E	W
1-2	N. 89° 28' E.	4.23	3.27		2.63	
2-3	S. 89° 54' E.	12.02		0.02	12.02	
3-4	S. 80° 48' E.	3.00		2.17	2.87	
4-5	S. 32° 24' E.	12.00		12.87	8.04	
5-6	S. 62° 05' E.	2.02		4.26	8.02	
6-7	S. 35° 51' W.	10.24		8.87		6.41
7-8	N. 51° 58' W.	14.56	8.97			11.67
8-1	N. 45° 01' W.	23.72	16.77			16.78
			24.56	22.01	24.56	24.56
			23.99			24.56

Error in lat. and Dep. 02.
Error of closure 1:4221.

DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected footing in red ink.
 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.

TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 139, STATE OF ARIZONA, Richard Taylor-Tonto

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 39° 28' E.	4.23	3.27	0.02	2.69		2.69	0.35	
2-3	S. 89° 54' E.	12.02		3.17 ⁸	12.02		17.40	105.53	
3-4	S. 50° 42' E.	5.00		12.67	3.87		33.29	573.14	
4-5	S. 32° 24' E.	15.00		4.26	8.04		45.20	261.01	
5-6	S. 62° 05' E.	9.09		8.87	8.03		61.27	557.83	
6-7	S. 35° 51' W.	10.94	8.97 ⁶			6.41	62.89		
7-8	N. 51° 58' W.	14.56	16.77			11.47 ⁷⁷	45.01		
8-1	N. 45° 01' W.	23.72	29.01	28.99	34.65	16.78 ⁷⁷	16.77		
		94.56	29.01	28.99	34.65	34.66	693.61	1497.86	
			29.00	29.00		34.65		693.61	
								27804.25	
								402.12 = 40.21 A.	

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T.F.

Biologically Significant

LABORING AND CALCULATIONS OF HOME-LEAD VALUES BY THE STATE OF PENNSYLVANIA

1931

CONTRACT	REVISING	DISTANCE	MILEAGE		DEFERENCES		DOUBLED M. D.	M. YRS.	E. YRS.
			Actual	Legal	Actual	Legal			
			Miles	Miles	Days	Days			
S-1	183	52.4	73.2	30.0	30.3	83.2	08.6	33.0	
S-2	173	30.2		30.2	30.2	83.2		33.0	
A-2	123	00.2		78.2	78.2	83.2		41.2	
B-4	123	00.2		78.2	78.2	83.2		41.2	
C-3	123	00.2		78.2	78.2	83.2		41.2	
D-2	123	00.2		78.2	78.2	83.2		41.2	
E-3	123	00.2		78.2	78.2	83.2		41.2	
F-3	123	00.2		78.2	78.2	83.2		41.2	
G-V	123	00.2		78.2	78.2	83.2		41.2	
<p>33.0001 12.2000 38.4001 31.8000</p>									

4. 13. 04 - 31. 04

The above table is a summary of the home-lead values for the State of Pennsylvania for the year 1931. It is based on the data furnished by the various departments of the State, and is subject to change as more information is received. The home-lead values are calculated on the basis of the actual distance traveled by the worker, and are not to be construed as a guarantee of the amount of time required for the work. The values are given in miles and days, and are rounded to the nearest whole number.

APPROVAL

Office of the United States Surveyor General,

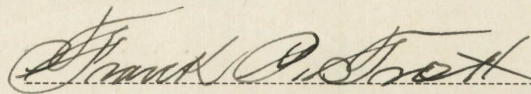
Phoenix, Arizona, April 29, 1916.

The foregoing field notes of Homestead Entry Survey No.

139

executed by W. H. Finigan, Forest Service Surveyor.

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.