

*Office Copy*

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

JUN 8 - 1915

AUG 2 - 1915

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 101

SITUATED IN THE

CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 2, unsurveyed, Township 1 S., Range 15 E.

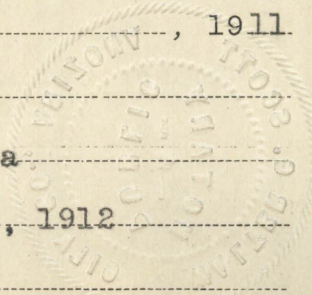
of the

G. & S. R. B. & Meridian.

ARIZONA

Survey executed by Walter G. Turley, Forest Service Surveyor  
Under special instructions dated October 30, 1913  
Survey commenced December 8, 1913  
Survey completed December 8, 1913  
Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing Edgar B. Wever  
Residence Globe, Arizona.  
Application No. 148, dated May 4, 1910  
List No. 3-1255, dated April 28, 1911  
Applicant for survey Edgar B. Wever  
Residence Globe, Arizona.  
H. E. No. 016234, dated January 29, 1912  
Land district Phoenix, Arizona.





OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley  
Forest Service Surveyor in surveying all those  
parts or portions of Homestead Entry Survey No. 101, in  
unsurveyed Section 2, Township 1 S., Range 15 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.

Benjamin F. Harbour Chairman  
John B. Wight Chairman.

Subscribed and sworn to before me this 30th day of  
December, 1913.

Walter G. Turley  
Forest Service Surveyor

OATH OF SURVEYOR

I, Walter G. Turley, Forest Service<sup>surveyor</sup>, do solemnly swear  
that, in strict conformity with the special instructions of  
the United States Surveyor General for Arizona, dated  
October 30, 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. 3-1255 dated April 28, 1911, for  
Patent, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 101,  
situated within the CROOK National Forest, in  
unsurveyed Section 2, Township 1 S., Range 15 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  
Forest Service Surveyor

Subscribed and sworn to before me this 19th day of  
January, 1914.

Walter H. Scott  
Notary Public



8-2349  
my Commission expires July 1, 1917



## HOMESTEAD ENTRY SURVEY NO. 101

## CROOK NATIONAL FOREST

## ARIZONA

Chains Applicant for listing, Edgar B. Wever. Application No. 148, dated May 4, 1910. List No. 3-1255, dated April 28, 1911. H. E. No. 016234 made by Edgar B. Wever January 29, 1912, at Phoenix, Arizona. Surveyed under special instructions from the Surveyor General of Arizona, dated October 30, 1913, and designated as Homestead Entry Survey No. 101.

This claim is situated in unsurveyed T. 1 S., R. 15 E., G. & S. R. B. & M., in what will probably be, when surveyed, sec. 2, Crook National Forest, Arizona.

Listed under the Act of June 11, 1906 and survey authorized by the Acts of June 11, 1906 and March 4, 1913.

This survey was executed with a W. and L. E. Gurley light mountain transit No. 12953 with vertical circle and Burt solar attachment. The horizontal limb having two verniers placed opposite and reading to single minutes of arc, which is also the least graduation on the latitude and declination arcs.

The instrument was tested and all necessary adjustments made to the levels, line of collimation, solar attachment and stadia interval. The stadia is adjusted to read 1:132, and all measurements were made on the slope, and reduced to the horizontal, with a 400 link steel tape and a Philadelphia stadia rod graduated to feet and hundredths, with target verniers reading to thousandths.

December 8, 1913:

At 8 h. 00 m. a.m., l.m.t., I set off  $22^{\circ} 40'$  S. on the decl. arc and  $33^{\circ} 23'$  on the lat. arc and determine a meridian with the solar at the north station of the meridian established by me from Polaris observations



## CROOK NATIONAL FOREST

## ARIZONA

Chains of December 4 and 5, 1913, near cor. H-1 of List 3-165, Rebecca Howard (H.E.S. 129), and my line of sight falls upon the tack set in the stake 8.00 chs. south of my station. Therefore I conclude that my transit is in satisfactory adjustment. Long.  $110^{\circ} 44' 33''$  W.

Preliminary to the survey of this claim I proceed to cor. H-1 of the list survey and retrace its boundaries in a clockwise direction and calculate its area to be less than 160 acres.

December 8, 1913;

At 8 h. 30 m. a.m., l.m.t., I set off  $22^{\circ} 40'$  S. on the decl. arc and  $33^{\circ} 23'$  on the lat. arc and determine a meridian with the solar at the Standard 1/4 sec. cor. on the S. bdy. sec. 36, T. 1 N., R. 15 E., which is a granite rock 12 x 12 x 10 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence S.  $6^{\circ} 30'$  E.

On a random line.

-22.69 To cor. No. 1.

Identical with cor. H-2 of the list survey, which is a red sandstone 10 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a quartzite stone 28 x 14 x 12 ins. 18 ins. in the ground, over a small stone marked with a cross (+), for cor. No. 1 of this survey, marked 1-HES101 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high S. of cor. from which,

+ 1 H E S 101 B R on an imbedded quartzite boulder 14 x 14 x 12 ins. above ground, bears S.  $15^{\circ} 15'$  E. 59 lks. dist.



## CROOK NATIONAL FOREST

## ARIZONA

Chains

Pits impracticable. No other bearings available.

Therefore the Standard 1/4 sec. cor. on the S. bdy. of sec. 36, T. 1 N., R. 15 E., bears N. 6° 30' W. 22.69 chs. dist. from cor. No. 1 of this survey.

I observe the magnetic declination at cor. No. 1 of this survey to be 14° 36' E. at 8 h. 30 m. a.m., 1.m.t., which gives 14° 34' 30" E. for the mean magnetic declination.

Lat. 33° 22' 30" N.

Long. 110° 45' W.

Thence S. 88° 48' E.

- On a true line. Descend E. slope 100 ft. to cor. No. 2
- 1.00 Ravine, course SE. Continue descending.
- 16.15 Forest Service telephone, bears NW. and SE.
- 18.00 Edge of mesa, bears NE. and SW. Descend abruptly to road
- 18.76 Road, bears NE. and SW.
- 19.00 To cor. No. 2.

Identical with cor. H-1 of the list survey, which is an imbedded quartzite boulder 24 x 24 x 12 ins. above ground, marked and witnessed as described by the Forest Service. This is also cor. H-1 of List 3-165, Rebecca Howard. I destroy all trace of the list cor. which refers to this claim and mark a cross (+) on the apex of the same boulder for cor. No. 2, and 2-HES101 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 4 ins. dia. bears S. 26° 15' W. 49 lks.

dist. marked 2 H E S 101 B T.

A hackberry 6 ins. dia. bears S. 72° 45' W. 120

lks. dist. marked 2 H E S 101 B T.

Thence S. 5° 55' W.

On a true line bet. this claim and List 3-165, Rebecca



HOMESTEAD ENTRY SURVEY NO. 101

CROCK NATIONAL FOREST

ARIZONA

Chains	Howard. Ascend 10 ft. to cor.
1.00	North bank of Ice House Creek, 2.00 chs. wide, banks 1 ft. high, course NE.
4.53	Rebecca Howard's irrigating ditch, 3 lks. wide, course E.
5.25	Ranch road, bears E. and W.
8.18	Enter Ice House Creek bank 7 ft. high, course NW.
15.00	Leave Ice House Creek, bank 3 ft. high, course NE.
15.53	To cor. No. 3. Identical with cor. H-5 of the list survey, also cor. H-2 of List 3-165, Rebecca Howard, which is a gray granite stone 6 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. which refers to this claim and at this point I set a quartzite boulder 30 x 9 x 9 ins. 20 ins. in the ground, over a small stone marked with a cross (+) for cor. No. 3 of this survey, marked 3-HES101 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor., from which, An ash 7 ins. dia. bears N. 78° W. 31 lks. dist. marked 3 H E S 101 B T. No other bearings available. Pits impracticable.
	Thence S. 51° 30' W. On a true line bet. this claim and List 3-165, Rebecca Howard. Ascend along bottom in brush 5 ft.
5.49	To cor. No. 4. Identical with cor. H-1 of the list survey, also cor. H-4 of List 3-248, Burl A. Hildreth, which is a gray granite stone 8 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. which refers to this claim and at this point I set a quartzite boulder



CROOK NATIONAL FOREST

ARIZONA

Chains	<p>26 x.8 x 8 ins. 16 ins. in the ground, over a small stone marked with a cross (+) for cor. No. 4 of this survey, marked 4-HES101 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high N. of cor. from which,</p> <p>A sycamore 26 ins. dia. bears N. 31° 30' W. 100 lks. dist. marked 4-HES101 B T.</p> <p>A sycamore 28 ins. dia. bears N. 26° 45' E. 97.7 lks. dist. marked 4-HES101 B T.</p>
	<p>Thence N. 59° 11' W.</p>
	<p>On a true line bet. this claim and List 3-248, Burl A. Hildreth, over bottom.</p>
0.50	<p>East bank of Ice House Creek 60 lks. wide, banks 2 ft. high, course NE.</p>
0.33	<p>Ascend 75 ft. to cor. along SE. slope.</p>
1.62	<p>Road, bears NE. and SW.</p>
2.35	<p>Ditch, 3 lks. wide, course N.</p>
2.37	<p>Forest Service telephone line, bears NE. and SW.</p>
3.50	<p>Top of bench, bears NE. and SW. Continue ascending in undergrowth.</p>
24.30	<p>Ravine, course East.</p>
28.33	<p>To cor. No. 5.</p> <p>Identical with cor. H-3 of the list survey, also cor. H-3 of List 3-248, Burl A. Hildreth, which is a quartzite boulder in place 36 x 24 x 12 ins. above ground, marked and witnessed as described by the Forest Service.</p> <p>I destroy all trace of the list cor. which refers to this claim, and mark a cross (+) on the apex of the same boulder for cor. No. 5, and 5-HES101 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., from which,</p> <p>A cross (+) on an imbedded quartzite boulder 18 x 9 x 6 ins. above ground, bears S. 73° 20' E. 79</p>



HOMESTEAD ENTRY SURVEY NO. 101

CROOK NATIONAL FOREST

ARIZONA

Chains

lks. dist., marked 5 H.E.S. 101 B.R. x 32  
A cross (+) on an imbedded quartzite boulder  
36 x 36 x 16 ins. above ground, bears N. 9° 45'  
W. 105 lks. dist., marked 5 H.E.S. 101 B.R.

Thence N. 67° 00' E. . . . .  
On a true line. Ascend 40 ft. to ridge.  
7.00 Ridge, bears NW. and SE. . . . .  
Descend 30 ft. to cor. . . . .  
12.24 Cor. No. 1 of this survey, the place of beginning.

Note: - The sun was obscured at apparent noon, therefore  
a latitude observation was not possible.

Area of Homestead Entry Survey No. 101  
Total area . . . . . 35.07 acres

Improvements

The improvements made upon and for the benefit of this  
homestead and belonging to Edgar B. Wever, the entry-  
man herein, consist of the following:

A frame house 20 x 20 ft. the long side of which bears  
N. and S. and the SE. cor. of which bears N. 8° 50' W.  
3.60 chs. dist. from cor. No. 4 of this survey.

Value . . . . . \$250.00

A frame shop 20 x 15 ft. the long side of which bears  
E. and W. and the SE. cor. of which bears N. 14° W.  
1.80 chs. dist. from cor. No. 4 of this survey.

Value . . . . . \$ 30.00

An adobe tool house 8 x 10 ft. the long side of which  
bears E. and W. and the SE. cor. of which bears N. 15°  
45' W. 2.90 chs. dist. from cor. No. 4 of this survey.

Value . . . . . \$ 25.00



HOMESTEAD ENTRY SURVEY NO 101

CROOK NATIONAL FOREST

ARIZONA

Chains

A well 20 ft. deep and windmill the center of which bears N. 22° W. 3.00 chs. dist. from cor. No. 4 of this survey.

Value . . . . . \$140.00

General Description

This Homestead Entry is on Ice House Creek at an elevation of approximately 3,850 ft. and is chiefly valuable for intensive farming. The soil is a sandy loam and produces any crop raised in the temperate zone. I saw no indication of mineral thereon.

Globe Post Office and Arizona Eastern Ry. station is 1-3/4 miles in a northerly direction.

This Homestead Entry is joined on the South by List 3-248, Burl A. Hildreth; and on the East by List 3-165, Rebecca Howard. (Homestead Entry Surveys 103 and 129, respectively.)

December 8, 1913.

Latitudes, Departures and Closing Errors.

Bearing	Distance	Latitude		Departure	
		N	S	E	W
S. 88° 48' E.	19.00		0.40	19.00	
S. 5° 55' W.	15.53		15.45		1.60
S. 51° 30' W.	5.49		3.42		4.30
N. 59° 11' W.	28.33	14.51			24.33
N. 67° 00' E.	12.24	4.78		11.27	
	80.59	19.29	19.27	30.27	30.23
		19.27		30.23	

Error in Lat. and Dep. .02 .04

Closing Error 1:1802.

Walter G. Purkey  
Forest Service Surveyor.



Chains

Chains

A well 30 ft. deep and windmill the center of which bears  
 N. 22° W. 3.00 chs. dist. from cor. No. 4 of this  
 survey.  
 Value . . . . . \$140.00

General Description

This Homestead Entry is on Lee House Creek at an elevation of approximately 3,850 ft. and is chiefly valuable for intensive farming. The soil is a sandy loam and produces any crop raised in the temperate zone. I saw no indication of mineral resources. Globe Post Office and Arizona Eastern Ry. station is 1-3/4 miles in a northerly direction.

This Homestead Entry is joined on the South by List 3-248, Burt A. Hildreth; and on the East by List 3-165, Rebecca Howard. (Homestead Entry Surveys 101 and 129, respectively.)  
 December 8, 1918.

Latitudes, Departures and Closing Errors.

Bearing	Distance	Latitude		Departure	
		N	S	E	W
S. 88° 48' E.	19.00		0.40	19.00	
S. 8° 55' W.	18.33	18.45			1.80
S. 81° 30' W.	8.49	3.48			4.30
N. 59° 11' W.	38.38	14.51			24.33
N. 67° 00' E.	18.24	4.78		11.27	
	60.89	19.29	19.29	30.27	30.28
		19.27		30.23	
	Error in Lat. and Dep.		.02		.04
	Closing Error 1:1802.				

Forest Service Surveyor.



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. 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.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal.

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. 101., STATE OF Arizona., Edgar B. Weyer.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 88° 48' E.	19.00		40	18 99 19 00		41 51	17 02	
2-3	S. 5° 55' W.	15.53		15 45		1 60	58 89	909 85	
3-4	S. 51° 30' W.	5.49		3 42		4 30	52 98	181 19	
4-5	N. 59° 11' W.	28.33	14 51		24 33		24 34	352 93	
5-1	N. 67° 00' E.	12.24	4 78		11 27		11 26	53 82	
		80.59	19 29	19 27	30 27	30 23	406 75	1108 06	
			19 28	19 28	30 25	30 25		406 75	
								2)701 31	
	Closing Error, 1:1802.							350 65	= 35.07 Acres.



12

CLORINE BILCO, J:Y808.

= 22.01 YG188.

CONTRACT	REMARKS	DATE	INITIALS			DEPARTMENTS			MATERIALS	M. V. D.	M. V. D.	M. V. D.	M. V. D.
			DATE	TIME	INITIALS	DATE	TIME	INITIALS					
8-1	W. 00. E.	00.08	TS	08	TS	08	TS	08	TS	08	TS	08	TS
4-2	W. 00. E.	00.08	TS	08	TS	08	TS	08	TS	08	TS	08	TS
4-3	W. 00. E.	00.08	TS	08	TS	08	TS	08	TS	08	TS	08	TS
5-3	W. 00. E.	00.08	TS	08	TS	08	TS	08	TS	08	TS	08	TS
5-1	W. 00. E.	00.08	TS	08	TS	08	TS	08	TS	08	TS	08	TS

STATE OF WISCONSIN • DEPT. OF REVENUE • TAX

1. Copy three copies of this application to the District Office, the State Office, and the Commission.

2. In case of a change of name, the application should be filed with the State Office and the Commission.

3. In case of a change of name, the application should be filed with the State Office and the Commission.

4. In case of a change of name, the application should be filed with the State Office and the Commission.

Form No. 100 (1-1-34)



APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, November 28 1914 .

The foregoing field notes of Homestead Entry Survey No.

101

Edgar B. Wever

executed by Walter G. Turley, F. S. S.,  
under his special instructions, dated October 30, 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.

Frank S. Ingalls  
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 S. Ingalls  
U. S. Surveyor General.



45 527

RECEIVED

Office of the United States Attorney  
District of Columbia  
The following is a copy of a letterhead memorandum

dated and captioned as above.  
The letterhead memorandum is being furnished to you for your information.

Very truly yours,  
Special Agent in Charge  
The following is a copy of a letterhead memorandum  
dated and captioned as above.

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