

145

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

SEP 19 1914  
OCT 18 1914  
AUG 27 1915

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 128

SITUATED IN THE

CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 10, unsurveyed, Township 1 S., Range 15 E.

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

Section 16, unsurveyed, Township 1 S., Range 15 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Forest Service Surveyor

Under special instructions dated November 13, 1913

Survey commenced January 9, 1914

Survey completed January 9, 1914

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

Applicant for listing J. M. Haws,

Residence Globe, Arizona.

Application No. 172, dated February 27, 1911

List No. 3-1278, dated May 4, 1911

Applicant for survey Peter Osterman,

Residence Globe, Arizona.

H. E. No. 022730, dated July 14, 1913.

Land district Phoenix, Arizona.

176

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. 128, in  
unsurveyed Section 10, Township 1 S., Range 15 E.,  
unsurveyed Section 15, Township 1 S., Range 15 E.,  
unsurveyed Section 16, Township 1 S., Range 15 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.

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. Habours, Chairman  
P. P. Johnson, Chairman

Subscribed and sworn to before me this 21st day of  
February, 1914.

Walter G. Turley  
Forest Service Surveyor

OATH OF SURVEYOR

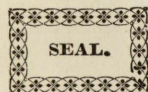
I, Walter G. Turley, Forest Service Surveyor, do solemnly swear  
that, in strict conformity with the special instructions of  
the United States Surveyor General for Arizona, dated  
November 13 1913, and the laws of the United States, I have  
well, faithfully, and truly, in my own proper person, sur-  
veyed a tract of land ~~upon the application of~~ embraced in  
LIST, No. 3-1278, dated May 4, 1911, for  
Patent, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 128,  
situated within the CROOK National Forest, in  
unsurveyed Section 10, Township 1 S., Range 15 E., and  
unsurveyed Section 15, Township 1 S., Range 15 E.,  
unsurveyed Section 16, Township 1 S., Range 15 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.

Walter G. Turley  
Forest Service Surveyor

Subscribed and sworn to before me this 21st day of  
February, 1914.

Walter G. Scott  
Notary Public



8-2349

My commission expires July 1, 1917

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, J. M. S. Haws; Application No. 172, dated February 27, 1911; List No. 3-1278, dated May 4, 1911; H. E. No. 022730 made by Peter Osterman, at Phoenix, Arizona, dated July 14, 1913. Surveyed under special instructions from the Surveyor General for Arizona dated November 13, 1913, and designated as Homestead Entry Survey No. 128. Situated in the unsurveyed T. 1 S., R. 15 E., G. & S. R. B. and Meridian in what will probably be, when surveyed, secs. 10, 15 and 16, within the Crook National Forest. Listed under the Act of June 11, 1906 and survey authorized by the Acts of June 11, 1906 and March 4, 1913.

Survey commenced January 9, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 with a Burt solar attachment; the horizontal limb having two double verniers placed opposite and reading to single minutes of arc, which is also the least graduation of the verniers of the latitude and declination arcs.

The instrument was examined, tested and all necessary adjustments made to the levels, line of collimation, stadia interval and solar attachment.

The distances were measured 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.

Preliminary to the survey the stadia was tested and adjusted to read 1:132.

January 9, 1914.

At 8h. 00m. a.m., l.m.t., I set off 22° 07' S. on the

Chains decl. arc and  $33^{\circ} 21'$  on the lat. arc and determine  
 a meridian with the solar at cor. H-3 of this list  
 survey, which is a granite stone 12 x 6 x 10 ins.  
 above ground, marked and witnessed as described by  
 the Forest Service, also cor. No. 1, H. E. S. No.  
 112, which is a granite stone 10 x 6 x 10 ins. above  
 ground, marked and witnessed as described in the  
 field notes thereof; and my line of sight falls upon  
 the tack in the stake set 6.00 chs. N. of my station  
 which defines a meridian as established by Polaris  
 observations of January 7th and 8th, 1914, and de-  
 scribed in the field notes of H. E. S. No. 112.

Therefore I conclude that my instrument is in satis-

factory adjustment.

Lat.  $33^{\circ} 21' N.$ , Long.  $110^{\circ} 46' 37'' W.$

At 8h. 30m. a.m., l.m.t., I set off  $22^{\circ} 07' S.$  on the  
 decl. arc and  $33^{\circ} 23'$  on the lat. arc and determine  
 a meridian with the solar at the St. 1/4 sec. cor.  
 Sec. 35, T. 1 N., R. 15 E., G. & S. R. B. & Meridian,  
 which is a granite stone 12, x 10 x 4 ins. above ground  
 marked and witnessed as described by the Surveyor Gen-

eral.

Thence  $S. 4^{\circ} 26' E.$ , for a tie.

121.60 To cor. No. 1.

Identical with cor. H-1 of the list survey which is  
 a granite stone 10 x 10 x 6 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 boulder 24 x 12 x 12 ins., 14 ins.  
 in the ground, over a small stone marked with a cross

T2888 CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains W (+) for cor. No. 1 of this survey, marked 1-HES128 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor., from which:

A catsclaw 6 ins. dia., bears S. 59° 36' E., 193 lks. dist., marked 1 H E S 128 B T.

A catsclaw 4 ins. dia., bears S. 7° 53' W., 86 lks. dist., marked 1 H E S 128 B T.

Cor. H-3 H. E. 014832, R. E. Lee, unsurveyed H. E. S. No. 107, bears N. 80° 15' E. 14.69 chs. dist. St. 1/4 sec. cor., sec. 35, T. 1 N., R. 15 E., bears N. 4° 26' W., 1 mi. 41.60 chs. dist. by traverse which appears at end of these notes.

I observe the magnetic declination to be 14° 08' E. at 9h. 00m. a.m., l.m.t., at cor. No. 1 of this survey, which reduced by Table G, Manuals of 1894, Diurnal Variation in Magnetic Declination, gives a mean magnetic declination of 14° 06' E.

Lat. 33°-21' N., Long. 110° 45' 46" W.

Thence S. 61° 24' E. Descend 50 ft. to Creek. Road; bears NE. and SW. Kelner Creek, 50 lks. wide, banks 3 ft. high, course NE. To cor. No. 2.

Identical with cor. H-4 of the list survey, which is an imbedded granite boulder 24 x 14 x 10 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and mark a cross (+) on the apex of the same boulder for cor. No. 2 of this survey and 2-HES128 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., from which:

Chains 112-1 A hackberry 6 ins. dia., bears N. 70° 19' W.,  
60 lks. dist., marked 2 H E S 128 B T.

A hackberry 8 ins. dia., bears S. 84° 10' W.,  
137 lks. dist., marked 2 H E S 128 B T.

Thence S. 47° 12' W.,

Ascend NW. slope in undergrowth 50 ft. to spur.

9.00 Spur, bears NW. and SE. Descend 20 ft. to ravine.

25.00 Ravine, course N. Ascend along NW. slope 75 ft. to spur

56.50 Spur, bears NW. and SE., Descend 30 ft. to ravine.

67.70 Ravine, course N. Ascend 35 ft. to cor.

79.93 To cor. No. 3.

Identical with cor. H-3 of the list survey, heretofore

described. Destroy all trace of this list cor. At

this point I previously set cor. No. 1 of H. E. S. No.

112 which is a granite stone 10 x 6 x 10 ins. above

ground, marked with a cross (+) for exact point and

1-HES112 on W. face, with mound of stone 2 ft. base,

1-1/2 ft. high, W. of cor. I, mark 3-HES128 on N. face

of same stone for cor. No. 3 of this survey, from which:

An oak 5 ins. dia., bears N. 87° 04' W., 89 lks.

dist., marked 1 H E S 112 3 H E S 128 B T.

An oak 4 ins. dia., bears N. 46° 28' W., 64 lks.,

dist., marked 1 H E S 112 3 H E S 128 B T.

Thence N. 60° 15' W.

Along line 1-5 of H. E. S. No. 112, Frank Mark.

Descend NW. slope 25 ft. to creek.

1.73 Kelner Creek, 40 lks. wide, banks 2 ft. high, course NE.

Ascend SE. slope 35 ft. to cor.

3.28 Road, bears NE. and SW.

To cor. No. 4.

Identical with cor. H-2 of the list survey, which is a

HOMESTEAD ENTRY SURVEY NO. 128

CROOK NATIONAL FOREST

ARIZONA

Chains granite stone 12 x 8 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. At this point I previously set cor. No. 5 of H. E. S. 112, which is a conglomerate stone 10 x 8 x 10 ins. above ground, marked

with a cross (+) for exact point and 5-HES112 on SE. face, with mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor. I mark 4-HES128 on E. face of same stone for cor. No. 4 of this survey, from which:

A cross (+) on an imbedded schist stone 48 x 36 x 10 ins. above ground bears S. 27° 44' E. 105 lks. dist. marked 5 H E S 112 4 H E S 128 B R. No other bearings available. Pits impracticable.

Thence N. 47° 05' E.

Descend 40 ft. to ravine along SE. slope.

- 22.00 Ravine, course SE. Ascend 20 ft. to spur.
- 66.20 Spur bears NW. and SE. Descend 50 ft. to cor.
- 79.73 To 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. 128:

Total Area . . . . . 60.67 acres.

Improvements

The improvements made upon and for the benefit of this claim and belonging to Peter Osterman, the claimant herein, consist of the following:

A frame dwelling 12 x 14 ft., the long side of which bears N. and S. and the NE. cor. of which bears S. 30° 15' W. 24.30 chs. dist. from cor. No. 1 of this

152

HOMESTEAD ENTRY SURVEY NO. 128

CROOK NATIONAL FOREST

ARIZONA

Chains survey. Value . . . . . \$ 100.00  
 A well 4 x 4 x 26 ft. deep, the center of which bears  
 S. 35° W. 27.25 chs. dist. from cor. No. 1 of this  
 survey. Value . . . . . \$ 100.00

General Description

This claim is located on Kelner Creek at an elevation of  
 approximately 3,850 ft. and is chiefly valuable for  
 intensive farming and stock raising. The soil is a  
 sandy loam, which produces any crop raised in the tem-  
 perate zone.

No evidence of mineral appears upon this claim.  
 Globe postoffice and Arizona Eastern Railway station is  
 3 miles in a northeasterly direction.

Conflicts and Adjoining Claims.

This claim is joined on the SW. by H. E. S. No. 112,  
 Frank Mark.

Latitudes, Departures and Closing Errors.

Bearing	Distance	Latitude		Departure	
		N	S	E	W
S. 61° 24' E.	8.10		3.88	7.11	
S. 47° 12' W.	79.93		54.31		58.65
N. 60° 15' W.	7.88	3.91			6.84
N. 47° 05' E.	79.73	54.29		58.39	
	175.64	58.20	58.19	65.50	65.49
		58.19		65.49	
Error in Lat. and Dep.		.01		.01	

Closing Error 1:12419.

*Walter G. Turkey*  
 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.

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 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. 128, Twp. STATE OF

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	East	39.97			39.97				
	S. 89° 50' E.	40.00		12	40.00				
	S. 6° 30' E.	22.69		22.55	2.57				
	S. 67° 00' W.	12.24		4.78		11.27			
	S. 10° 58' W.	30.59		30.03		5.82			
	N. 86° 00' E.	20.00	1.40		19.95				
	S. 19° 25' W.	22.30		21.03		7.41			
	S. 78° 06' E.	3.54		73	3.46				
	S. 19° 05' W.	39.86		37.67		13.03			
	S. 85° 50' W.	44.66		3.24		44.54			
	S. 80° 15' W.	14.69		2.49		14.48			
			1.40	122.64	105.95	96.55			
				1.40	96.55				
Comp.	S. 4° 26' E.	121.60		121.24	9.40				

153

1888

1888

1888

Comp. 2. 4. 88. P.

181.00

181.00

0 40

0 40

8. 80% 121. 4.

98.41

8 88

88 22

88 22

8. 82% 101. 4.

82.44

8 87

87 27

87 27

8. 73% 091. 4.

83.88

83 88

83 88

83 88

8. 78% 081. 4.

78.22

81 83

81 83

81 83

8. 72% 821. 4.

82.33

81 83

81 83

81 83

8. 88% 001. 4.

88.00

88 00

88 00

88 00

8. 70% 981. 4.

70.98

80 03

80 03

80 03

8. 67% 001. 4.

67.31

85 88

85 88

85 88

8. 6% 201. 4.

6.35

85 88

85 88

85 88

8. 6% 801. 4.

6.04

81 81

81 81

81 81

8. 87% 121. 4.

87.33

87 33

87 33

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1888

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 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. 128., STATE OF Arizona., Peter Osterman.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	S. 61° 24' E.	8.10		3 88	7 11		123 89		480 69
	S. 47° 12' W.	79.93		54 31			72 34		2929 51
	N. 60° 15' W.	7.88	3 91				6 84	26 74	
	N. 47° 05' E.	79.73	54 29		58 39		58 39	3169 99	
		175.64	58 20	58 19	65 50	65 49		3196 73	4410 20
			51 20	58 20	65 50	65 50			3196 73
									2)1213 47
									606 73
									= 60.67 Acres
	Closing Error, 1:12419.								

105

REC'D = 00'09 123.00

CLOSING BALANCE LISTING

DATE	DESCRIPTION	DEBIT	CREDIT	BALANCE
				00'09 123.00
11.18.88		10.00		
11.20.88		10.00		
11.25.88		10.00		
11.27.88			10.00	
12.01.88			10.00	
12.03.88			10.00	
12.05.88			10.00	
12.08.88			10.00	
12.10.88			10.00	
12.12.88			10.00	
12.15.88			10.00	
12.17.88			10.00	
12.19.88			10.00	
12.21.88			10.00	
12.23.88			10.00	
12.25.88			10.00	
12.27.88			10.00	
12.29.88			10.00	
12.31.88			10.00	

BANKING AND CASH COLLECTIONS TO HOMELESS DAVID YELLY SUBVANT NO 133. REFER RECEIPTS.

On the above dates of the month of the year 1988, the undersigned has received from the following persons the sums of money mentioned in the column headed "RECEIPTS" and has thereupon credited the same to the account of the Homeless David Yelly Subvants No 133.

The total amount received from the above persons during the month of the year 1988 is the sum of 100.00 (one hundred pounds only).

This account is kept for the use of the undersigned and should not be used for any other purpose.

Signed: [Name]

APPROVAL

Office of the United States Surveyor General,  
Phoenix, Arizona,

December 19, 1914.

The foregoing field notes of Homestead Entry Survey No.

128

Peter Osterman

executed by Walter G. Turley, Forest Service Surveyor,  
under his special instructions, dated November 13, 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.

