

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

FEB 3 1915

JUN 5 1914

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 256

SITUATED IN THE

CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 30, surveyed, Township 21 S., Range 18 E.,

~~Survey Awaiting Approval~~

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service

Under special instructions dated September 16, 1914 ✓

Survey commenced December 3, 1914

Survey completed December 4, 1914

Under Acts of June 11, 1906 and June 30, 1914 ✓

Applicant for listing S. M. Wills,

Residence Elgin, Arizona

Application No. 221 ✓, dated July 22, 1912 ✓

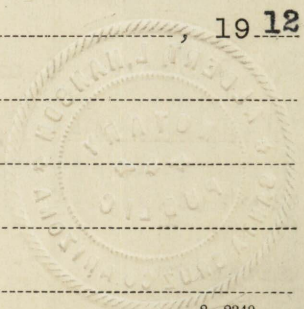
List No. 3-2127 ✓, dated November 9, 1912 ✓

Applicant for survey S. M. Wills,

Residence Elgin, Arizona

H. E. No. 022452 ✓, dated June 2, 1913 ✓

Land district Phoenix, Arizona



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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. 256, in  
- surveyed Section 30, Township 21 S., Range 18 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 expensive and incon-  
venient to appear before  
an officer to administer  
the oaths to Assistants;  
hence, they were taken  
by the Surveyor.

Charles P. Hooker Chainman

Charles Bauchop Chainman

Subscribed and sworn to before me this 4<sup>th</sup> day of  
December, 1914.

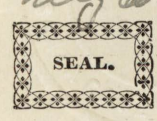
Walter G. Turley  
Surveyor - Forest Service

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  
September 16, 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. 3-2127 dated November 9, 1912, for  
PATENT, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 256,  
situated within the CORONADO National Forest, in  
- surveyed Section 30, Township 21 S., Range 18 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 4<sup>th</sup> day of  
December, 1914.



my commission expires July 1, 1916  
Albert L. Hanson  
Notary Public

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing S. M. Willis; Application No. 221, dated July 22, 1912; List No. 3-2127 dated November 9, 1912; Homestead Entry No. 022452; made in the Phoenix Land Office on June 2, 1913 by S. M. Willis, whose postoffice address is Elgin, Arizona.

Surveyed under Acts of June 11, 1906, and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated September 16, 1914, and designated as Homestead Entry Survey No. 256.

Situated in Sec. 30, T. 21 S., R. 18 E., Gila and Salt River Base and Meridian, (surveyed and approved) within the Coronado National Forest, Arizona.

Survey commenced December 3, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment, and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made directly on the slope, with a standard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia

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STATE OF ARIZONA

Chains

stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

December 3, 1914.

I set up my transit over cor. H-5 of List 3-2127 which is a rhyolite stone 6 x 4 x 5 ins. above ground, marked and witnessed as described by the Forest Service; and, with telescope direct, I observe Polaris in accordance with instructions at 6h. 00m., p.m., l.m.t., and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station in Lat. 31° 34' 26" N., and Long. 110° 33' 26" W.

Astron. l.m.t., obsn. Dec. 2, 1914 30h. 00.0m.

Astron. l.m.t., U.C.Pol., Dec. 2, 1914 8h. 45.1m.

Hour angle Pol. at obsn. 21h. 14.9m.

23h. 56.1m.

Time argument 2h. 41.2m.

Azimuth Pol. at obsn. 0° 52' 36" E.

With my transit set up over cor. H-5 of List 3-2127

heretofore described, and the telescope reversed in altitude and azimuth, at 6h. 08m., p.m., l.m.t. on the same date, I again observe Polaris in accordance with instructions, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. l.m.t., obsn., Dec. 2, 1914 30h. 08.0m.

Astron. l.m.t., U.C.Pol. Dec. 2, 1914 8h. 45.1m.

Hour angle Pol. at obsn. 21h. 22.9m.

23h. 56.1m.

Time argument 2h. 33.2m.

Azimuth of Pol. at obsn. 0° 50' 30" E.

December 3, 1914.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

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December 4, 1914.

I turn off  $0^{\circ} 52-1/2'$ , the azimuth of Polaris, to the W. from her direction at 6h. 00m., p.m., l.m.t.,

December 3, 1914 and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off  $0^{\circ} 50' 30''$ , the azimuth of Polaris, to the W. from her direction at 6h. 08m., p.m., l.m.t.; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls  $0^{\circ} 00' 22''$  of measured arc to the W. of the line previously established.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and, from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

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Latitude  $31^{\circ} 33' 08''$  N. and Longitude  $110^{\circ} 33' 50''$  W.

at Cor. to Secs. 1, 6, 31 and 36, Ts. 21 and 22 S.,

Rs. 17 and 18 E. taken from the Special Instructions

of the Surveyor General which reduced gives latitude

$31^{\circ} 34' 26''$  N. and longitude  $110^{\circ} 33' 50''$  W. at cor.

No. 1 of this survey. It was not possible to check the latitude by direct observation.

My watch is set for Standard 105th Meridian time from

which I subtract 22m. 15s. for l.m.t.

At cor. No. 1 at 8h. 00m., a.m., l.m.t., December 4,

1914, I observe the magnetic declination to be  $13^{\circ} 56'$

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

E., which reduced gives a mean magnetic declination

of 13° 55' E.

Thence S. 13° 48' W.

On a random for a tie.

123.23 I fall 18 lks. due East of cor. to Secs. 1, 6, 31 and

36, Ts. 21 and 22 S., Rs. 17 and 18 E., which is a

limestone 12 x 12 x 4 ins. above ground chiseled with

6 notches on the N., S., E. and W. edges with mound

of stone along side, from which:

A 12 in. black oak scribed T 21 S R 17 E S 36 B T

bears N. 50° 00' W.

Return course N. 13° 53' E.

Thence N. 13° 53' E.

123.23 To Cor. No. 1.

Identical with Cor. No. 5 of List 3-2127 which is a

rhyolite stone 6 x 4 x 5 ins. above ground marked

and witnessed as described by the Forest Service. I

destroy Cor. H-5 and its witnesses; and, for Cor.

No. 1 of this survey, I chisel (+) on a stone 4 x 3 x 2

ins. and deposit it 17 ins. in the ground; over which

I set a quartzite stone 27 x 12 x 6 ins., 17 ins. in

the ground; chiseled (+) at the point and 1 - H E S

256 on the N. face and dig pits 24 x 24 x 12 ins.

crosswise on this and the succeeding course 7 ft.

and raise a mound of earth 4 ft. base, 2 ft. high

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N. of cor. from which:

A 7 in. white oak scribed 1 H E S 256 + B T

bears S. 85° 14' E., 298 lks.

A 16 in. white oak scribed 1 H E S 256 + B T

bears S. 12° 14' E., 471 lks.

1/4 cor. to Secs. 25 and 30, T. 21 S., Rs.

17 and 18 E., which is a standard iron

post with brass cap bears N. 89° 11' W.,

29.56 chs. (Surveyed and approved)

by direct measurement.

Thence N. 42° 28' W.

Ascend open SE. slope 5 ft.

6.62 Road bears N. and S.

17.06 To Cor. No. 2.

Identical with Cor. H-1 of List 3-2127 which is a

sandstone 8 x 6 x 5 ins. above ground marked and

witnessed as described by the Forest Service. I

destroy cor. H-1 and its witnesses; and, for Cor.

No. 2 of this survey, I chisel (+) on a stone 4 x 4 x 2

ins. and deposit it 16 ins. in the ground; over which

I set a porphyry stone 26 x 9 x 7 ins., 16 ins. in

the ground; chiseled (+) at the point and 2 - H E S

256 on the E. face and raise a mound of stone 2 ft.

base, 1-1/2 ft. high E. of cor. from which:

A 6 in. black oak scribed 2 H E S 256 + B T

bears N. 6° 55' W., 221 lks.

A 12 in. black oak scribed 2 H E S 256 + B T

bears N. 71° 31' E., 268 lks.

Thence N. 61° 07' E.

Along rolling SE. slope in scattering oak.

CORONADO NATIONAL FOREST

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Chains

14.11 Road bears NNE. and SSW.

18.30 Descend NE. slope 5 ft.

30.08 To Cor. No. 3.

Identical with Cor. H-2 of List 3-2127 which is a sandstone 10 x 6 x 4 ins. above ground marked and witnessed as described by the Forest Service. I destroy Cor. H-2 and its witnesses; and, for Cor. No. 3 of this survey, I chisel (+) on a stone 3 x 3 x 3 ins. and deposit it 16 ins. in the ground; over which I set a porphyry stone 26 x 12 x 6 ins., 16 ins. in the ground; chiseled (+) at the point and 3 - H E S 256 on the S. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high S. of Cor. from which:

A 10 in. black oak scribed 3 H E S 256 + B T bears N. 14° 00' W., 215 lks.

A 14 in. white oak scribed 3 H E S 256 + B T bears N. 59° 45' W., 43 lks.

Thence S. 77° 41' E.

Descend rolling NE. slope 25 ft. in oak

24.98 Arroyo, 70 lks. wide, banks 5 ft. high, course NE. Small stream of water. Ascend NW. slope 15 ft. in oak undergrowth.

30.08 To Cor. No. 4.

Identical with Cor. H-3 of List 3-2127 which is a granite stone 6 x 4 x 12 ins. above ground marked and witnessed as described by the Forest Service.

I destroy Cor. H-3 and its witnesses; and, for Cor.

Along rolling SE. slope in scattering oak.



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No. 4 of this survey, I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 10 ins. in the ground; over which I set a sandstone 25 x 10 x 9 ins., 10 ins. in the ground surrounded by mound of stone; chiseled (+) at the point and 4 H E S 256 on the W. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of Cor. from which:  
 A 12 in. white oak scribed 4 H E S 256 + B T bears S. 59° 20' W., 66 lks.  
 A 9 in. white oak scribed 4 H E S 256 + B T bears N. 81° 38' W., 116 lks.

Thence S. 25° 30' W.

Along NW. slope in oak.

8.00 To Cor. No. 5.

Identical with Cor. H-4 of List 3-2127 which is a sandstone 8 x 8 x 3 ins., above ground marked and witnessed as described by the Forest Service. I

destroy Cor. H-4 and its witnesses; and, for Cor.

No. 5 of this survey, I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 16 ins. in the ground; over which I set a sandstone 26 x 9 x 5 ins., 16 ins. in the ground; chiseled (+) at the point and 5 H E S 256 on the NW. face and raise a mound of stones 2 ft. base, 1-1/2 ft. high NW. of Cor. from which:

A 9 in. black oak scribed 5 H E S 256 + B T bears N. 19° 23' W., 52 lks.

A 14 in. black oak scribed 5 H E S 256 + B T bears N. 63° 00' E., 90 lks.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains  
 4.42 Thence S. 71° 47' W. Descend NW. slope 10 ft. in oak. Right bank arroyo 5 ft. high, course NE. Continue in arroyo bed.  
 10.02 Right bank arroyo 10 ft. high, course NE. Ascend NE. slope 30 ft.  
 26.60 Ridge bears N. and S. Descend NW. slope 20 ft.  
 40.11 Arroyo 70 lks. wide, banks 5 ft. high, course NE. Ascend SE. slope 10 ft.  
 42.92 To Cor. No. 1, the place of beginning.

AREA

Total Area 81.90 Acres

IMPROVEMENTS

There are no improvements made upon or for the benefit of this homestead; and, no cultivated land.

DESCRIPTION

This claim is situated on the NE. slope of the Canelo hills at an elevation of approximately 5,100 ft. and would be valuable for stock raising and general farming. There is no timber in this section. The slopes support a stand of oak. Water seeps in the arroyo the entire year. The bottom soil is a sandy loam and the same soil in this vicinity is productive. This is not reported to be a mineralized section and no townsites, mining, coal or oil claims are known to

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have been located in this vicinity.

Elgin postoffice and railway station is 7 miles by road  
in a northerly direction.

There are no conflicts or adjoining claims.

TRAVERSE

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	N. 42° 28' W.	17.06	12.58			11.52
2-3	N. 61° 07' E.	30.08	14.53		26.34	
3-4	S. 77° 41' E.	30.08		6.42	29.39	
4-5	S. 25° 30' W.	8.00		7.22		3.44
5-1	S. 71° 47' W.	42.92		13.42		40.77
		<u>128.14</u>	27.11	27.06	55.73	55.73
			<u>27.06</u>		<u>55.73</u>	
	Error in lat. and dep.		0.05		0.00	

Closing Error 1:2563 ✓

Survey completed December 4, 1914.

*Walter J. Fusby*  
Surveyor - Forest Service

Chains

Chains

There are no conflicts or adjoining claims.  
in a northerly direction.  
High position and railway station is 7 miles by road  
have been located in this vicinity.

TRAVERSE

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	N. 42° 28' W.	17.08	12.68			11.52
2-3	N. 61° 07' E.	30.08	14.52		26.24	
3-4	S. 77° 41' E.	30.08		6.42	29.22	
4-5	S. 25° 30' W.	8.00		7.22		3.44
5-1	S. 71° 47' W.	42.92	13.42			40.77
			27.11	27.06	26.72	26.72
			27.06		26.72	
			0.02		0.00	

Error in lat. and dep.

Closing Error 1:2563

Survey completed December 4, 1914.

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 the G. L. O.  
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

S. M. Willis - Colorado

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 256, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		EAST.	WEST.	DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.								
62516 73769 1-2	N. 42° 28' W.	17.06	12 <i>7</i> 58		26	11	11 52	11	52	144	81	
82564 48808 2-3	N. 61° 07' E.	30.08	14 <i>2</i> 53	<i>3</i> 42	34	34	26 34	26	34	382	46	
94698 21581 3-4	S. 77° 41' E.	30.08		6 42	29	39	29 39	82	07	527	71	
48808 90859 4-5	S. 25° 30' W.	8.00		7 22			3 44	108	02	779	90	
92988 31261 5-1	S. 71° 47' W.	42.92	27 <i>2</i> 70	13 42		40	40 77	63	81	857	61	
		128.14	27 <i>2</i> 70	27 06	55	73	55 73	527	27	2165	22	
			<i>2</i> 70	<i>2</i> 70	<i>55</i> 73	<i>55</i> 73	<i>55</i> 73			527	27	
Closing	Error 1:2563									1637	95	
										Area	81	90

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T.A

OBANOTO - COLONADO

STATE OF MICHIGAN

DEPARTMENT OF REVENUE

PROPERTY TAX

1968

OBANOTO

ORGANIZATION	PROPERTY	DISTRICT	TAXABLE VALUE		EXEMPT VALUE		NET VALUE		TAX RATE	TAX	REMARKS
			LAND	IMPROVEMENTS	LAND	IMPROVEMENTS	LAND	IMPROVEMENTS			
1-1	138.74	41.881	VS	LI	VS	LI	VS	LI	VS	LI	
1-2	00.8	00.8	VS	VS	VS	VS	VS	VS	VS	VS	
1-3	80.08	80.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-4	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-5	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-6	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-7	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-8	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	
1-9	30.08	30.08	VS	VS	VS	VS	VS	VS	VS	VS	

1. All the above information was prepared by the Director Office, the Michigan Department of Revenue, and the County Auditor. In case of any discrepancy, the County Auditor should be contacted. The information is for informational purposes only and should not be used for any other purpose. The information is for informational purposes only and should not be used for any other purpose. The information is for informational purposes only and should not be used for any other purpose.

For the Director of Revenue

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 12 1917, 191

The foregoing field notes of Homestead Entry Survey No.

256

executed by

Walter G. Turley, Surveyor.

[Forest Service Title.]

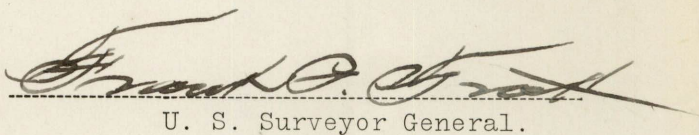
under his special instructions, dated

Sept. 16, 1914, having

been critically examined, and the necessary corrections 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 the State of ARIZONA, has been

correctly copied from the original notes on file in this office.

FRANK P. TROTT

U. S. Surveyor General.