

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

107  
MAY 1 - 1916

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 209

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 32, surveyed, Township 9 N., Range 23 E.

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of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by C. A. Long, Surveyor - Forest Service.

Under special instructions dated June 16, 1914  
and supplemental special instructions dated July 22, 1914  
Survey commenced September 13, 1914

Survey completed September 16, 1914.

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

Applicant for listing W. A. Stephens,

Residence Pinetop, Arizona.

Application No. 267, dated June 14, 1911.

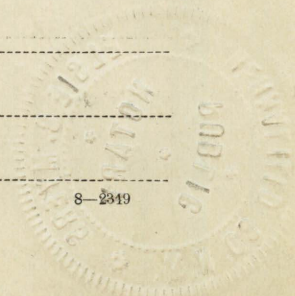
List No. 3-1397, dated August 30, 1911.

Applicant for survey Mrs. Susan Stephens,

Residence Pinetop, Arizona.

H. E. No. 023027, dated June 2, 1914.

Land district Phoenix, Arizona.





108

OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long,  
Surveyor - Forest Service in surveying all those  
parts or portions of Homestead Entry Survey No. 209, in  
surveyed Section 32, Township 9 N., Range 23 E.,  
surveyed Section - - -, Township - - -, Range - - -,  
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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 oaths  
to Assistants; hence, they  
were taken by the Surveyor.

W. R. Wamors, Chainman

Fred Furley, Chainman

Subscribed and sworn to before me this 16th day of  
September, 1914.

C. A. Long

Surveyor - Forest Service.

OATH OF SURVEYOR

I, C. A. Long, Surveyor-Forest Service, do solemnly swear  
that, in strict conformity with the special instructions of  
the United States Surveyor General for Arizona dated June 16, 1914 and  
suppl. instrs. dated July 22, 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. 3-1397, dated August 30, 1911, for  
Patent, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 209,  
situated within the SITGREAVES National Forest, in  
surveyed Section 32, Township 9 N., Range 23 E., and  
surveyed Section - - -, Township - - -, Range - - -,  
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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.

C. A. Long

Surveyor - Forest Service.

Subscribed and sworn to before me this 23rd day of  
April, 1915.

Elsie C. Myers  
Notary Public





SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, W. A. Stephens; Application No. 267, dated June 14, 1911; List No. 3-1397, dated August 30, 1911; H. E. No. 023027, made at Phoenix, Arizona, by Mrs. Susan Stephens, dated June 2, 1914.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 16, 1914, and supplemental special instructions, dated July 22, 1914, and designated as Homestead Entry Survey No. 209.

Situated in sec. 32, T. 9 N., R. 23 E., Gila and Salt River Base and Meridian, Sitgreaves National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and June 30, 1914.

Survey commenced September 13, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 11920, provided with a full vertical circle and a horizontal limb having two double verniers placed opposite each other and reading to single minutes of arc, which is also the least reading of the vernier on the vertical circle.

I test the adjustments of the transit and make necessary corrections.

All measurements were made on the slopes with a 500 link steel tape, and the slope angles were determined with a clinometer, the horizontal distances alone appearing in these notes.

September 13, 1914.

At the Std. cor. of secs. 32 and 33, T. 9 N., R. 23 E., Gila and Salt River Base and Meridian, which is a basalt stone, marked and witnessed as described by



Chains to the Surveyor General. Latitude  $34^{\circ} 07' 50''$  N.  
Longitude  $109^{\circ} 55' 30''$  W., by account from Land Office  
map. At 8h. 05.6m. p.m., l.m.t., I observe Polaris  
at eastern elongation, with telescope direct and re-  
versed, in accordance with instructions in the Manual,  
and mark a point in the line thus determined by a tack  
in a peg driven in the ground 5.00 chs. N. of my  
station.  
September 14, 1914.  
At 7h. a.m., I turn off the azimuth of Polaris  $1^{\circ} 23' 20''$   
to the West and mark the meridian thus determined by  
a tack in a stake driven in the ground 5.00 chs. N. of  
my station.

The magnetic bearing of the stated meridian at 8h. 30m.

a.m., is N.  $14^{\circ} 30'$  W., which corrected for diurnal  
variation, gives the mean magnetic declination  $14^{\circ} 28'$   
E.

September 14, 1914.

From the Std. cor. of secs. 32 and 33, on S. bdy. of  
Township, heretofore described, I run  
North

On a random line bet. secs. 32 and 33.

40.00 Make search for 1/4 cor.

81.26 Fall 110 lks. W. of the cor. to secs. 28, 29, 32 and 33,  
which is a stone marked and witnessed as described by  
the Surveyor General.

Thence S.  $0^{\circ} 47'$  W. ✓

On a true line bet. secs. 32 and 33.

40.64 Again make search for 1/4 sec. cor., finding no trace of  
it. I re-establish it as follows:- Set a basalt  
stone 24 x 16 x 12 ins. in a mound of stone, marked



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains	<p>1/4 on W. face; and raise a mound of stone. West of cor., whence:</p> <p>A nail in a yellow pine, 22 ins. dia., bears S. 67° 47' E., 49 lks. dist.</p> <p>A nail in a yellow pine, 21 ins. dia., bears N. 15° 28' E., 51 lks. dist.</p> <p>Each blazed and scribed 1/4 S B T.</p>
	<p>Thence West.</p> <p>On a random line through Sec. 32.</p>
80.30	<p>Fall 1 lk. south of the 1/4 cor. to secs. 31 and 32, which is a basalt stone in place marked and witnessed as described by the Surveyor General.</p> <p>Thence East.</p> <p>On a true line along the latitudinal 1/4 sec. line through sec. 32.</p>
40.15	Set temp. point.
80.30	The 1/4 cor. to secs. 32 and 33, the place of beginning.
	<p>Thence S. 0° 47' W.</p> <p>On a true line bet. secs. 32 and 33.</p>
20.32	Set temp. 1/16 cor. on E. bdy. SE/4.
30.47	Set temp. 1/64 cor. on E. bdy. SE/4 SE/4 and what will be a cor. of this claim.
40.63	The Std. cor. to secs. 32 and 33, on S. bdy. of T.
	<p>September 15, 1914.</p> <p>Thence West</p> <p>On a random line bet. secs. 4 and 32.</p>
40.39	<p>Fall 4 lks. S. of the std. 1/4 sec. cor. on S. bdy. sec. 32, which is a stone marked and witnessed as described by the Surveyor General, therefor the bearing of the S. bdy. SE/4, sec. 32, is N: 89° 57' W.,</p>



Chains	40.39 chs. I move to 1/4 sec. cor. W. on 1/4
	Thence North.
	On a random line through sec. 32.
81.09	Fall 95 lks. W. of the 1/4 cor. bet. secs. 29 and 32, which is a stone marked and witnessed as described by the Surveyor General.
	Thence S. 0° 40' W. ✓
	On a true line along the meridional 1/4 sec. line.
40.52	Intersect the latitudinal 1/4 sec. line West, 40.43 chs. from the 1/4 cor. bet. secs. 32 and 33, set temp. point for center 1/4 cor.
60.81	Set temp. 1/16 cor. on W. bdy. SE/4.
81.10	The Std. 1/4 sec. cor. on S. bdy. sec. 32.
	Thence S. 89° 57' E.
	On a true line bet. secs. 4 and 32.
20.20	Set temp. 1/16 cor. on S. bdy. SE/4.
20.66	Set temp. point for cor. of the claim.
40.39	The Std. cor. to secs. 32 and 33, heretofore described, and place of beginning.
	I return to the 1/4 sec. cor. bet. secs. 32 and 33.
	Thence West.
	On a true line on latitudinal 1/4 sec. line.
20.21	Set temp. 1/16 cor. on N. bdy. SE/4.
	Thence South
	On a random line through SE/4.
40.60	Fall 53 lks. E. of the temp. 1/16 cor. on S. bdy. SE/4.
	Thence N. 0° 45' E. ✓
	On a true line through SE/4.
20.30	Set temp. point for center of SE/4.



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains 40.60	The temp. 1/16 cor. on N. bdy. SE/4, the place of beginning.
	From the temp. 1/16 cor. on E. bdy. SE/4. I run West On a random line through SE/4.
40.39	Fall 2-1/2 lks. N. of the temp. 1/16 cor. on W. bdy. SE/4. Thence N. 89° 58' E. On a true line through SE/4.
20.21	Intersect the meridional 1/16 sec. line through SE/4, N. 0° 45' E., 20.30 chs. from the temp. 1/16 cor. on S. bdy., SE/4.
	Thence S. 0° 45' W. On a true line along meridional 1/16 sec. line through SE/4.
10.15	Set temp. 1/64 cor. on W. bdy. SE/4 SE/4.
	Thence East. On a random line through SE/4 SE/4.
0.46	Set temp. point on E. side of road exception.
20.20	Intersect the temp. 1/64 cor. on E. bdy. SE/4 SE/4, and what will be a cor. of the claim.
	Boundaries of H. E. S. No. 209. I proceed to the Std. cor. to secs. 32 and 33, heretofore described, and establish cor. No. 1 on the NW. side of the same stone as follows: Set a basalt stone 22 x 18 x 13 ins., 12 ins. in the ground, over a stone marked with a cross for cor. No. 1, marked 1 - H E S 209 on side facing claim and a cross (+) on top. Pits impracticable. Raise a mound of stone, 3 ft. base, 2 ft. high, 3-1/2 ft. dist.



Chains	<p>within claim, whence:                  A nail in a yellow pine, 13 ins. dia.,                  bears N. 53° 40' W., 55 lks. dist.</p>
	<p>A nail in a yellow pine, 16 ins. dia.,                  bears S. 22° 30' E., 121 lks. dist.                  Each blazed and scribed 1 H E S 209 B T.                  (No larger stone available for cor.)                  Thence N. 89° 57' W.                  Over level land through heavy stand of yellow pine                  along S. bdy., sec. 32.</p>
9.00	Descend 40 ft.
13.30	Bottom of slope. Continue over level land through scattering pine.
13.36	SE. cor. claimant's house bears N. 1 lk., cross garden fence bears N. and S.
16.00	Garden fence bears N. and S.
19.73	To cor. No. 2.
	<p>Set a basalt stone 24 x 14 x 12 ins., 14 ins. in the ground, over a stone marked with a cross for cor. No. 2, marked 2 - H E S 209 on side facing claim and a cross on top. Pits impracticable. Raise a mound of stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within claim, whence:                  A nail in a yellow pine, 18 ins. dia.,                  bears N. 69° 00' E., 106 lks. dist.                  A nail in a yellow pine, 9 ins. dia.,                  bears S. 12° 58' E., 55 lks. dist.                  A nail in a yellow pine, 32 ins. dia.,                  bears N. 18° 10' E., 104 lks. dist.                  Each blazed and scribed 2 H E S 209 B T.</p>
	<p>Thence N. 0° 45' E.                  On E. side of road exception and 46 lks. E. of the</p>



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains meridional 1/16 sec. line through SE/4. Over level  
land through scattering pine reproduction and 30 lks.  
West of wire fence, which bears with line.

0.50 Wire fence bears NE. and SW.

8.50 Creek, 10 lks. wide, 1 ft. deep, flows NE.

10.15 To cor. No. 3.

Set a basalt stone 22 x 18 x 12 ins., 12 ins. in the  
ground, over a stone marked with a cross for cor.  
No. 3, marked 3 - H. E. S 209 on side facing claim and  
a cross on top. Dig pits, 24 x 24 x 12 ins. cross-  
wise on this and the succeeding course, 7 ft. dist.,  
and raise a mound of stone 3 ft. base, 2 ft. high,  
3-1/2 ft. dist. within claim, whence:

A nail in a yellow pine; 16 ins. dia.,  
bears N: 85° 10' W., 42 lks. dist.

A nail in a white oak, 14 ins. dia.,  
bears N. 76° 02' E., 21 lks. dist.

A nail in a yellow pine, 21 ins. dia.,  
bears S. 14° 40' W., 79 lks. dist.

Each blazed and scribed 3 H. E. S 209 B T.

(No larger stone available for cor.)

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Thence East.

Along line bet. N/2 and S/2 SE/4 SE/4, Sec. 32,  
through scattering pine reproduction and willows.

Descend 10 ft. to creek.

0.20 Wire fence, bears N. and S.

1.00 Cross creek, 10 lks. wide, 1 ft. deep, course N. 10°  
00' W. Bottom of descent.

1.10 Ascend 45 ft. through heavy yellow pine.

15.00 Top of slope. --- Continue over level land.

19.74 To cor. No. 4 and closing corner on line bet. secs.  
32 and 33.



Chains Point for cor. falls on basalt stone in place showing 23 x 16 x 6 ins. above ground. I cut a cross at exact point for cor. and mark C C on W. face, and 4 - H E S 209 on side facing claim. Dig pits 24 x 24 x 12 ins. N. and S., 3 ft. dist. and W, 7 ft. dist.; and raise a mound of stone 3 ft. base, 2 ft. high, 3-1/2 ft. W. on closing line, whence:

A nail in a yellow pine, 14 ins. dia., bears S. 56° 51' E., 74 lks. dist.

A nail in a blackjack pine, 8 ins. dia., bears S. 75° 50' W., 69 lks. dist.

Each blazed and scribed C C 4 H E S 209 B T.

Thence S. 0° 47' W. Over level land along line bet. secs. 32 and 33, and bet. this and claimant's additional claim in sec. 33, described by legal subdivisions, through heavy stand of yellow pine.

- 1.40 Dim wood road, bears E. and W.
- 10.16 To cor. No. 1 and place of beginning.

AREA

Area - - - - - 20.05 acres

IMPROVEMENTS

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

A 4 room frame house, 26 x 38 ft., course of long sides E. and W., the SW. cor. of which bears from cor. No. 2, N. 88° 38' E., 5.89 chs. dist.

Value ----- \$500.00

Frame chicken house, 7 x 8 ft., course of long sides N. and S., the SW. cor. of which bears from cor. No.



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains	2, N. 81° 32' E., 7.84 chs. dist.	Value -----	\$ 15.00
	Frame storehouse, 6 x 14 ft., course of long side N. and S., the SW. cor. of which bears from cor. No. 2, N. 81° 15' E., 5.81 chs. dist.	Value -----	\$ 25.00
	Frame pig pen, 16 x 16 ft., course of sides N. and S., the SW. cor. of which bears from cor. No. 2, N. 62° 58' E., 7.28 chs. dist.	Value -----	\$ 30.00
	1/8 mile board and picket fence.	Value -----	\$ 50.00
	Total Value of improvements	-----	\$620.00

DESCRIPTION

This claim is situated at an elevation of 6800 ft., above sea level. The W. half is level bottom land suitable for agriculture, the soil being a black sandy loam. The E. half is rocky hillside covered with a heavy growth of yellow pine and suitable for pasture only. A small patch containing about 1 acre is planted to garden truck. A spring creek runs near the S. and W. bdays. of the claim, furnishing sufficient water for all purposes.

There is no evidence of minerals on the claim.

Pinetop, an inland village, is the nearest post office and trading center. It is about 1/2 mile west of claim and is reached by a good wagon road.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The homestead of William Calvin, H. E. No. 0514, joins the claim on the west,



TRAVIS GREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains claims separated by road exception. That portion of H. E. No. 023027-lying in sec. 33, and described by legal subdivisions joins the claim on the east.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 89° 57' W.	19.74	0.02			19.74
2-3	N. 0° 45' E.	10.15	10.15		0.13	
3-4	East	19.73				19.73
4-1	S. 0° 47' W.	10.16		10.16		0.14
		59.78	10.17	10.16	19.86	19.88
			10.16			19.86
Error in Lat. and Dep.			.01			.02
Error of Closure 1:2718.						

Survey completed September 16, 1914.

DESCRIPTION

This claim is situated at an elevation of 800 ft. above sea level. The W. half is level bottom land suitable for agriculture, the soil being a black sandy loam. The E. half is rocky hillside covered with a heavy growth of yellow pine and suitable for pasture only. A small patch containing about 1 acre is planted to garden truck. A spring creek runs near the S. and W. halves of the claim, furnishing sufficient water for all purposes.

There is no evidence of minerals on the claim. Tinopol, an inland village, is the nearest post office and trading center. It is about 1/2 mile west of claim and is reached by a good wagon road.

*Cal Long*  
Surveyor - Forest Service.

COMPLETION AND ADJOINING CLAIMS

There are no conflicts. The homestead of William Calvin, H. E. No. 0214, joins the claim on the west.



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. I. 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. 209, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 89° 57' W.	19.74	0 02		19 74	3	19 73	0 20	
2-3	N. 0° 45' E.	10.15	10 15		0 13	14	0 14	1 42	
3-4	East	19.73			19 73		20 01		
4-1	S. 0° 47' W.	10.16		10 16			39 60	402 34	
		59.78	10 17	10 16	19 86			402 34	
			10 16	10 16	19 87			1 62	
					19 87			400 72	
								20 04 acres	
Closing error 1:2718									

119

EMF



120

CLIPPING FROM THE REGISTER

NO. 1000

COPIES	REARING	DISPOSING	WORKS	COMMIT	EXCEL	DELIVERED	DOUBLE M. D.	N. YEARS	E. YEARS
1-1	2	0	10	10	10	10	10	10	10
1-2	1	0	10	10	10	10	10	10	10
1-3	1	0	10	10	10	10	10	10	10
1-4	1	0	10	10	10	10	10	10	10

LABLING AND CALCULATIONS OF HOMESHELD ENERGY SCHEDULE NO. 500 STATE OF WISCONSIN

1. On the 1st day of the month of January, 1910, the State of Wisconsin, by the State Engineer, has caused to be printed and published a book containing the following information: ...

2. In the execution of the duties of his office, the State Engineer has caused to be printed and published a book containing the following information: ...

3. The State Engineer has caused to be printed and published a book containing the following information: ...

4. The State Engineer has caused to be printed and published a book containing the following information: ...



APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 8, 1917.

The foregoing field notes of Homestead Entry Survey No.

209

executed by C. A. Long, Surveyor Forest Service,

[Forest Service Title.]

under his special instructions, dated June 16, 1914, having  
and supplemental instructions dated July 22, 1914,  
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. Trotter,

U. S. Surveyor General.