

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

JUL 12 1915

JUL 15 1915

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 184.

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

in

Section 19, unsurveyed, Township 12 N., Range 14 E.

(Sec. 24, T. 12 N., R. 13 1/2 E.)

of the

Gila and Salt River Base and Meridian.

ARIZONA.

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

Under special instructions dated June 10, 1914.

Survey commenced June 23, 1914.

Survey completed June 24, 1914.

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

Applicant for listing E. A. Sawyer.

Residence Winslow, Arizona.

Application No. 48, dated October 3, 1908.

List No. 3-1201, dated March 17, 1911.

Applicant for survey E. J. Wolff.

Residence Winslow, Arizona.

H. E. No. 017632, dated May 27, 1912.

Land district Phoenix, Arizona.

3719/20

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. 184, in  
unsurveyed Section 19, Township 12 N., Range 14 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 oaths  
to Assistants; hence, they  
were taken by the Surveyor.

Charles D. Hodson, Chainman.  
Charles Baecht, Chainman.

Subscribed and sworn to before me this 12<sup>th</sup> day of  
November, 1914.

Walter G. Turley  
Surveyor - Forest Service.

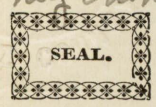
OATH OF SURVEYOR

I, Walter G. Turley, Surveyor - Forest Service, do solemn-  
ly swear that, in strict conformity with the special instructions  
of the United States Surveyor General for Arizona, dated June  
10, 1914, and the laws of the United States, I have well, faith-  
fully, and truly, in my own proper person, surveyed a tract of  
land embraced in List No. 3-1201, dated March 17, 1911, and a  
tract of land upon the application of E. J. Wolff.  
Application No. 577 dated June 1, 1915, for  
Patent under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 184,  
situated within the Sitgreaves National Forest in  
unsurveyed Section 19, Township 12 N., Range 14 E.  
of the G. and S. R. B. and 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 perpetuated in strict accord-  
ance with the stated special instructions, and 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 16 day of  
November, 1914.

My commission expires April 6, 1916.  
R. B. Collie  
Notary Public



## SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

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Applicant for listing, E. A. Sawyer, Application No. 48 dated October 3, 1908; List No. 3-1201 dated March 17, 1911; Homestead Entry No. 017632 made in the Phoenix Land Office on May 27, 1912 by E. J. Wolff, whose post-office is Winslow, Arizona.

Also a tract of unlisted land adjoining claimant's entry on southwest was included in this survey. The land is agricultural in character, was desired by the entryman, and will be listed as a basis for amendment of his entry No. 017632, application No. 577 dated June 1, 1915.

Surveyed under Acts of June 11, 1906 and March 4, 1913, and special instructions from the Surveyor General for Arizona, dated June 10, 1914, and designated as Homestead Entry Survey No. 184.

Situated in what will probably be when surveyed Sec. 19, T. 12 N., R. 14 E., G. and S. R. B. and M., within the Sitgreaves National Forest, Arizona.

Survey commenced June 23, 1914, and executed with a W. and L. E. Gurley light mountain transit, No. 12953, with vertical circle and Burt solar attachment. The horizontal limb of the transit is provided with 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 on the slope with a 500 link steel tape, graduated to links and tenths of links, and the

SITGREAVES NATIONAL FOREST

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slope angles determined with a clinometer, the vernier of which reads to degrees, and a Philadelphia stadia rod graduated to feet and hundredths, provided with two targets, the verniers of which read to thousandths of a foot.

June 23, 1914.

At 9 h. 45 m. p.m. l.m.t. I observe Polaris with telescope direct at cor. H-1 of List 3-1201, which is a sandstone 14 x 4 x 12 ins. above ground marked and witnessed as described by the Forest Service; and mark the direction thus determined with a tack in a stake set 5.00 chs. N. of my station.

Lat.  $34^{\circ} 25' 11''$  N., Long  $110^{\circ} 55' 11''$  W.

Astron. l.m.t. observation June 22, 1914 33 h. 45.0 m.

Astron. l.m.t. U. C. Pol. June 22, 1914 19 h. 24.6 m.

Hour angle Pol. at obsn. 14 h. 20.4 m.

23 h. 56.1 m.

Time argument 9 h. 35.7 m.

Azimuth Pol. at obsn.  $0^{\circ} 48' 30''$  E.

At 9 h. 55 m. p.m. l.m.t. on the same date I observe

Polaris at cor. H-1, List 3-1201, heretofore described, with telescope reversed in altitude and azimuth; and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station

Astron. l.m.t. observation, June 22, 1914 33 h. 55.0 m.

Astron. l.m.t. U. C. Pol., June 22, 1914 19 h. 24.6 m.

Hour angle Pol. at obsn. 14 h. 30.4 m.

23 h. 56.1 m.

Time argument. 9 h. 25.7 m.

Azimuth Pol. at obsn.  $0^{\circ} 51' 24''$  E.

June 23, 1914.

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June 24, 1914.

I turn off  $0^{\circ} 48-1/2'$ , the azimuth of Polaris, to the W. from her direction at 9h. 45m. p.m., l.m.t., June 23, 1914, and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station.

I also turn off  $0^{\circ} 51-1/2'$ , the azimuth of Polaris, to the W. from her direction at 9h. 55m. p.m., l.m.t.,

June 23, 1914, and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station. This line falls  $0^{\circ} 00' 08''$  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 5.00 chs. N. of my station, and from the corresponding meridian all the courses of this survey were deflected.

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Since this claim is located upon the Forest Service

Atlas Sheet, it is known to be more than two miles from a corner of a Public Land survey. Therefore, I establish U. S. L. M. No. 184 H. E. S. in accordance with instructions. I chisel (+) at the apex and

USLM No 184 HES upon the face of an imbedded sandstone, 4 x 24 x 12 ins. above ground; and raise a mound of stone 6 ft. base, 4 ft. high S. of cor., from which:

A pine, 20 ins. dia., blazed and scribed

U S L M No 184 H E S + B T, bears

S.  $38^{\circ} 45'$  W., 42 lks.

A pine, 28 ins. dia., blazed and scribed

U S L M No 184 H E S + B T, bears

(N.  $76^{\circ} 30'$  W., 26 lks.

A pine, 12 ins. dia., blazed and scribed

U S L M No 184 H E S + B T, bears

N.  $9^{\circ} 30'$  E., 35 lks.

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A pine, 14 ins. dia., blazed and scribed

U S L M No 184 H E S + B T, bears

N. 51° 15' E., 50 lks.

Cor. No. 1, H. E. S. 184, bears N. 88° 53' W.,

4.41 chs. dist.

Note: This section is a high plateau that is heavily timbered, therefore it is not possible to see any natural objects or mountain peaks. This location monument stands upon a stony point approximately 2.00 chs. W. of the arroyo.

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Lat. 34° 27' 52" N. and Long. 110° 55' 26" W. at the

S. C. of T. 13 N., Rs. 13 and 14 E., G. and S. R. B.

and M., obtained from the special instructions of the

Surveyor General; which gives 34° 25' 11" N. Lat., and

110° 55' 11" W. Long. at cor. No. 1 of this survey.

The sun was obscured at apparent noon, therefore an

observation for latitude was not possible.

I observe the magnetic declination at cor. No. 1 to be

15° 05' E. at 8h. 00m. a.m., l.m.t., which gives a

mean magnetic declination of 15° 01' E.

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Cor. No. 1.

Identical with cor. H-1 of list 3-1201, heretofore

described. I destroy cor. H-1 with its witnesses;

and for cor. No. 1 of this survey, I set a sandstone

26 x 14 x 7 ins., 16 ins. in the ground, over a small

stone marked with a cross, chiseled (+) at the point

and 1-HES184 on the S. face; and raise a mound of

stone 2 ft. base, 1-1/2 ft. high, S. of cor., from

which:

## SITGREAVES NATIONAL FOREST

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A pine, 26 ins. dia., blazed and scribed

1 H E S 184 + B T bears S. 84° 50' E., 54 lks.

A pine, 22 ins. dia. blazed and scribed

1 H E S 184 + B T bears S. 42° 30' W., 65 lks.

U.S. L. M. No. 184 H. E. S. heretofore described bears S. 88° 53' E., 4.41 chs. dist.

Pits impracticable.

Thence S. 34° 04' E.

Over bottom land in scattering pine timber.

6.00 Left bank of creek bed 37 lks. wide, banks 4 ft. high, course NE. There is a small stream running in the creek bed.

11.19 To cor. No. 2.

Identical with cor. H-4 of list 3-1201, which is a sandstone 11 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-4 with its witnesses, and for cor. No. 2 of this survey I set a sandstone 27 x 14 x 7 ins., 16 ins. in the ground over a small stone marked with a cross, chiseled (+) at the point and 2-HES184 on the W. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. from which:

A pine, 6 ins. dia., blazed and scribed

2 H E S 184 + B T bears S. 45° W. 21 lks.

A pine, 22 ins. dia., blazed and scribed

2 H E S 184 + B T bears S. 19° W. 64 lks.

Pits impracticable.

Thence S. 40° 31' W.

Over bottom land in edge of scattering pine timber.

31.70 To cor. No. 3.

Identical with cor. H-3 of list 3-1201, which is a

Chains

sandstone 12 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-3 with its witnesses, and for cor. No. 3 of this survey I set a sandstone 28 x 10 x 6 ins., 18 ins. in the ground over a small stone marked with a cross, chiseled (+) at the point and 3-HES184 on the NW. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor. from which:

A pine, 18 ins. dia., blazed and scribed

3 H E S 184 + B T bears N. 71° 30' E. 19 lks.

A pine, 6 ins. dia., blazed and scribed

3 H E S 184 + B T bears N. 18° W. 73 lks.

Pits impracticable.

Thence S. 63° 03' W.

At this point I pass from List 3-1201 to unlisted land.

Over bottom, along edge of scattering pine timber.

7.97 To cor. No. 4.

At which point I set a sandstone 26 x 12 x 6 ins., 16 ins. in the ground, over a small stone marked with a cross, chiseled (+) at the point and 4-HES184 on the NW. face, and raise a mound of stone, 2 ft. base, 1-1/2 ft. high NW. of cor. from which:

A pine, 5 ins. dia., blazed and scribed

4 H E S 184 + B T bears S. 58° 30' W., 50 lks.

A pine, 5 ins. dia., blazed and scribed

4 H E S 184 + B T bears N. 36° E. 55 lks.

Pits impracticable.

Thence S. 23° 15' W.

Over bottom land, along edge of scattering pine timber.

10.69 To cor. No. 5.

At which point I chisel (+) at the point and 5-HES184



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on the N. face of an imbedded sandstone 20 x 6 x 9 ins.  
above ground; and raise a mound of stone 2 ft. base,  
1-1/2 ft. high N. of cor. from which:

A pine, 8 ins. dia., blazed and scribed

5 H E S 184 + B T bears S. 47° 35' W. 52 lks.

A pine, 24 ins. dia., blazed and scribed

5 H E S 184 + B T bears S. 81° 40' E. 87 lks.

Pits impracticable.

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Thence N. 59° 00' W.

Over bottom in open.

0.30 Arroyo, 15 lks. wide, banks 1 ft. high, course N.

2.60 To cor. No. 6.

At which point I set a sandstone 28 x 10 x 7 ins., 18  
ins. in the ground, over a small stone marked with a  
cross, chiseled (+) at the point and 6-HES184 on the  
E. face, and raise a mound of stone 2 ft. base, 1-1/2  
ft. high E. of cor. from which:

A pine, 7 ins. dia., blazed and scribed

6 H E S 184 + B T bears N. 37° E. 17 lks.

A pine, 32 ins. dia., blazed and scribed

6 H E S 184 + B T bears S. 61° 15' W. 26 lks.

Pits impracticable.

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Thence N. 18° 45' E.

Over bottom land along edge of scattering pine timber.

10.80 To cor. No. 7

At which point I set a sandstone 28 x 9 x 7 ins., 18  
ins. in the ground over a small stone marked with a  
cross, chiseled (+) at the point and 7-HES184 on the  
SE. face, and raise a mound of stone 2 ft. base, 1-1/2  
ft. high SE. of cor. from which:

A pine, 7 ins. dia., blazed and scribed

7 H E S 184 + B T bears S. 71° 35' E. 51 lks.

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A pine, 28 ins. dia., blazed and scribed

7 H E S 184 + B T bears S. 7° 51' W., 82 lks.

Pits impracticable.

Thence N. 51° 26' E.

Over bottom land along edge of scattering pine timber.

8.95 To cor. No. 8.

Identical with cor. H-2 of List 3-1201, which is a sandstone 12 x 6 x 6 ins. above ground, marked and

witnessed as described by the Forest Service. I destroy cor. H-2 with its witnesses and for cor. No. 8

of this survey I set a sandstone 27 x 12 x 6 ins., 17 ins. in the ground over a small stone marked with a

cross, chiseled (+) at the point and 8-HES184 on the

SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., from which:

A pine, 18 ins. dia., blazed and scribed

8 H E S 184 + B T bears N. 83° E. 27 lks.

A pine, 6 ins. dia., blazed and scribed

8 H E S 184 + B T bears S. 1° W. 41 lks.

Pits impracticable.

Thence N. 30° 19' E.

At this point I leave unlisted land and enter List

3-1201. Over bottom land in edge of scattering pine

timber.

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

Area.

Area of List 3-1201. 24.90 Acres.

Area to be listed. 6.51 Acres.

Total Area. 31.41 Acres.

Handwritten circled numbers: 24.90, 6.51, 31.41

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Improvements.

The improvements made upon and for the benefit of this homestead consist of the following:

A log cabin; 44 x 18 ft., the long side of which bears N. and S. and the NW. cor. of which bears S. 20° 45' E., 3.64 chs. dist. from cor. No. 1.

Value \$300.00

Approximately 1 mile of wire fencing.

Value \$100.00

Approximately 15 acres of cultivated land.

Description.

This claim is situated on the N. slope of the Mogollon Mesa at an elevation of approximately 7,300 ft., and occupies a tract of land along a draw draining northward into Alder Canyon.

This section is heavily timbered and a fringe of timber is included in this survey. Sufficient water for domestic purposes and stock rises in the bed of the arroyo, but no water is available for irrigation.

The soil is a clay loam and adapted to raising almost any crop of the temperate zone; claimant has raised a good crop of grain and potatoes.

This is not reported to be a mineralized section, and no mining claims or town-sites are known to have been located in this vicinity.

There are no conflicts or adjoining claims. Winslow post-office and railway station is 55 miles in a northeasterly direction and is reached by wagon road.

HOMESTEAD ENTRY SURVEY NO. 184.

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STATE OF ARIZONA.

Chains	Traverse.					W.	
	Cor.	Course	Dist.	N.	S.		E.
	1-2	S. 34° 04' E.	11.19		9.27	6.27	
	2-3	S. 40° 31' W.	31.70		24.10		20.59
	3-4	S. 63° 03' W.	7.97		3.61		7.10
	4-5	S. 23° 15' W.	10.69		9.82		4.22
	5-6	N. 59° 00' W.	2.60	1.34			2.23
	6-7	N. 18° 45' E.	10.80	10.23		3.47	
	7-8	N. 51° 26' E.	8.95	5.58		7.00	
	8-1	N. 30° 19' E.	34.37	29.67		17.35	
			118.27	46.82	46.80	34.09	34.14
				46.80			34.09
		Error in Lat. and Dep.		0.02			0.05
		Closing Error, 1:2196.					

Survey completed June 24, 1914.

*Walter J. Purdy*  
Surveyor - Forest Service.

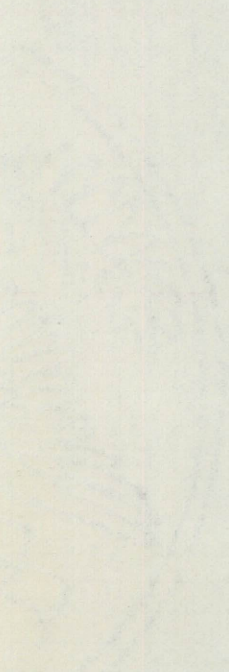
- DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.  
 2. In balancing Lat. and Dep. do not obliterate or change the original figures:  
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, 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 hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF List 3-1201 - E. J. Wolff Arizona SITGRAVES.

No.	COURSE	DISTANCE	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 34° 04' E.	1119		927	<del>628</del> <sup>8</sup>	<del>2054</del> <sup>6</sup>	4104		38044
2-3	S 40° 31' W.	3170		2410		310	2676		64492
3-8	N 40° 00' W	482	369		<del>8</del>			1144	
8-1	N 30° 19' E.	3437	296		1735		1738	51584	
		8208	3336	3337	2362	2369		52728	102536
			3337	3337	2366	2366			52728
									49808
									2490

Closing error: 3671.

2490 AREA  
ET



LIBRARY AND COLLECTIONS OF

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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. 184., STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
56776 82839	1-2 S. 34° 04' E.	11.19	✓	9 27 ✓	✓	6 27 ✓	61 98	574 55 ✓	
64467 76222	2-3 S. 40° 31' W.	31.70	✓	24 10 ✓	✓	20 59 ✓	47.68	1149 56 ✓	
89445 45321	3-4 S. 63° 03' W.	7.97	✓	3 61 ✓	✓	7 10 ✓	20.00	72 20 ✓	
39474 91879	4-5 S. 23° 15' W.	10.69	✓	9 82 ✓	✓	4 22 ✓	8 68	85 24 ✓	
85717 51504	5-6 N. 59° 00' W.	2.60	✓	1 34 ✓	✓	2 23 ✓	2 23		2 99 ✓
32144 74695	6-7 N. 18° 45' E.	10.80	✓	10 23 ✓	✓	3 47 ✓	3 48		35 60 ✓
78188 62342	7-8 N. 51° 26' E.	8.95	✓	5 58 ✓	✓	7 00 ✓	13 96		77 90 ✓
50478 86050	8-1 N. 30° 19' E.	34.37	✓	29 67 ✓	✓	17 35 ✓	38 33		1136 87 ✓
		118.27	46 82	46 80	34 09	34 14		1253 36 ✓	1881 55
			46 81	46 81	34 13	34 13		1253 36	628 19 ✓
	Closing Error, 1:2196.							Area	31.41 ✓

T-A.

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 20, 1917.

The foregoing field notes of Homestead Entry Survey No.

184

executed by **Walter G. Turley, Surveyor Forest Service**  
[Forest Service Title.]  
under his special instructions, dated **June 10,** , 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.

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**Frank P. Trott,**  
U. S. Surveyor General.