

ORIGINAL

161

U. S. DEPARTMENT OF AGRICULTURE

JAN 7 1919

NOV 22 1913

FOREST SERVICE

NC 2

AUG 2 1918

JUN 20 1919

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 240

SITUATED IN THE

APACHE

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 12, - surveyed, Township 6 N., Range 29 E.

Section 13, - surveyed, Township 6 N., Range 29 E.

of the

Gila & Salt River Base and Meridian.

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

Under special instructions dated August 6, 1914.

Survey commenced October 8, 1914.

Survey completed October 11, 1914.

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

Applicant for listing Oliver Banta.

Residence Nutrioso, Arizona.

Application No. 169, dated October 21, 1911.

List No. 3-1706, dated January 26, 1912.

Applicant for survey Oliver Banta.

Residence Nutrioso, Arizona.

H. E. No. 022019, dated April 3, 1913

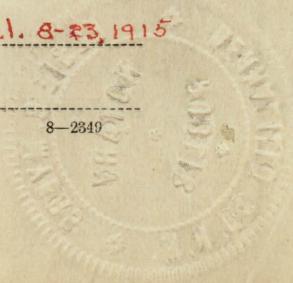
Rel. 8-23, 1915

Office

Land district Phoenix, Arizona.

H. E. No. 027375, May 8, 1915, Erastus C. Maxwell

8-2849



162

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. 240, in
- surveyed Section 12, Township 6 N., Range 29 E.,
- surveyed Section 13, Township 6 N., Range 29 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 expensive and incon-
venient to appear before
an officer to administer
oaths to Assistants; hence
they were taken by the
Surveyor.

Wm Warner head chairman
Fred Turley rear chairman

Subscribed and sworn to before me this 24 day of
November, 1914.

C. A. Long
Forest Service Surveyor

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 August 6, 1914,
and the laws of the United States, I have well, faithfully, and
truly, in my own proper person, surveyed a tract of land embraced
in List No. 3-1706, dated January 26, 1912, and also a tract of
adjoining unlisted land upon the application of Oliver Banta, Appli-
cation No. 169 dated October 21, 1911, for listing and patent under
the Act of June 11, 1906, the same to be known as Homestead Entry
Survey No. 240, situated within the Apache National Forest, in
surveyed Section 12, Township 6 N., Range 29 E., and
surveyed Section 13, Township 6 N., Range 29 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 perpetuated 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
Forest Service Surveyor

Subscribed and sworn to before me this 11th day of

January, 1914.

Elsie C. Myers
Notary Public



HOMESTEAD ENTRY SURVEY NO. 240

163

APACHE NATIONAL FOREST

1.

STATE OF ARIZONA

Chains Applicant for listing, Oliver Banta; Application No. 169, dated October 21, 1911. List no. 3-1706, dated January 26, 1912, H. E. No. 022019, made at Phoenix Arizona, by Oliver Banta, dated April 3, 1913.

Also a tract of adjoining unlisted land was included in this survey in order to include improvements constructed thereon belonging to claimant. The land is similar in character to that of the original

listings, and will be listed as a basis for amendment of his entry. This is therefore a composite survey.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 6, 1914, and designated as Homestead Entry Survey No. 240.

Situated in Secs. 12 and 13, T. 6 N., R. 29 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona.

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

Survey commenced October 8, 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 my transit and make necessary corrections.

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

October 8, 1914.
At Cor. H-1 of the list survey and what will be Cor.

HOMESTEAD ENTRY SURVEY NO. 240

APACHE NATIONAL FOREST

2.

STATE OF ARIZONA

Chains No. 1 of this survey, in Latitude $33^{\circ} 55' 15''$ N.,
Bearings Longitude $109^{\circ} 14' 20''$ W. by account from Land Office map, at 6h. 27. 5m. p.m., by my watch which is set for local mean time, I observe Polaris at eastern elongation with telescope direct and reversed, and mark points in the lines of sight by tacks in a wooden peg driven in the ground 5 chs. N. of my station.

October 9, 1914.

At 8h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 23'$ to the west from the mean of the points determined by last night's obsn. and mark the meridian thus determined by a tack in a wooden stake set in the ground 5 chs. N. of my station.

The observed Mag. decl. at 8h. 30m. a.m. is N. $13^{\circ} 30'$ E. Mean Mag. decl. $13^{\circ} 28'$ E.

RETRACEMENT

October 9, 1914.

Preliminary to commencing the survey of H.E.S. No. 240, I begin at the cor. to secs. 7, 12, 13 and 18, T. 6 N., Rs. 29 and 30 E., Gila and Salt River Base and Meridian, which is a lava stone firmly set, properly marked and witnessed (the original cor. was a wooden post, but I verify the position of cor. by bearing and distance to old witness tree.) I run west at 40.00 chs. find no trace of 1/4 cor. at 80.00 chs. find no trace of the cor. to secs. 11, 12, 13 and 14. I set temporary point and continue on course. At 120.00 chs. find no evidence of the 1/4 cor. to Secs. 11 and 14. At 160.00 chs. find no trace of the cor. to secs. 10, 11, 14 and 15. I return to temporary point set at 80.00 chs. and run N. on blank line 80.00 chs. finding no trace of Public Land corners. I return to temporary point set on

HOMESTEAD ENTRY SURVEY NO. MO 240

.38 mm
2.54 cm

THE APACHE ANOIT NATIONAL FOREST

5.

STATE OF ARIZONA.

Chains

latitudinal line at 80.00 chs. and run S. on blank line 80.00 chs., finding no trace of Public Land corners, therefore, in order to avoid extensive restoration resurveys, I tie the homestead entry survey to the identified corner to secs. 7, 12, 13 and 18.

BOUNDARIES OF CLAIM

October 10, 1914.

Beginning at Cor. No. 1 identical with list cor. No. 1, which is a sandstone 26 x 8 x 4 ins., marked and witnessed as described by the Forest Service. I destroy it and all witnesses thereto, and set a red sandstone 30 x 12 x 4 ins. 20 ins. in the ground, over a stone marked with a cross, chiseled 1 - H E S 240 on side facing claim and a cross on top. Dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth and stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within claim, whence:

A nail in a yellow pine 13 ins. dia., bears S. 84° 00' W., 29 lks. dist.

A nail in a yellow pine 18 ins. dia., bears N. 44° 35' W., 62 lks. dist.

A nail in a yellow pine 30 ins. dia., bears N. 49° 13' E., 141 lks. dist.

Each blazed and scribed 1 H E S 240 B T.

The NE. cor. to Sec. 13, T. 6 N., R. 29 E., heretofore described, bears N. 75° 20' E., 20.56 chs. dist. by direct measurement.

Thence N. 89° 40' W.

Along edge of scattering pine, fence is north 2 lks.

4.

STATE OF ARIZONA AT

Chains	and bears with line. Ascend.	anish0
4.00	Top of rocky point 10 ft. high. Descend.	
5.80	Bottom of descent. 10 ft. below top of rocky point.	
6.00	Ascend 15 ft.	
6.79	To Cor. No. 2.	
	Identical with list cor. No. 2, which is a sandstone 28 x 18 x 6 ins. marked and witnessed as described by the Forest Service. I destroy it and all wit- nesses thereto, and set a lava stone 20 x 20 x 15 ins.	81 ins
	(No longer stone available) 4 ins. in the ground, chiseled + on top and 2- H E S 240 on side facing claim; and raise a mound of stone around cor. to protect it. (Pits and mounds impracticable.) whence from cor.	
	A nail in a yellow pine 15 ins. dia., bears N. 36° 06' E., 99 lks. dist.	
	A nail in a yellow pine 11 ins. dia., bears S. 75° 24' E., 53 lks. dist.	
	A nail in a yellow pine 32 ins. dia., bears N. 44° 28' W., 41 lks.	
	Each blazed and scribed 2 H E S 240 B T.	
2.80	Thence N. 71° 14' W.	
3.00	Along edge of scattering pine, wire fence is N. 5 lks.	
10.35	and bears with line. Descend 12 ft.	
	Bottom of descent.	
	Ascend 15 ft. to cor.	
	To Cor. No. 3.	
	Identical with list cor. No. 3, which is a sandstone 26 x 8 x 7 ins. marked and witnessed as described by the Forest Service. I destroy it and all witnesses thereto, and set a white sandstone 40 x 20 x 12 ins.	
	12 ins. in the ground, chiseled + on top and 3- H E S	

APACHE NATIONAL FOREST

5.

STATE OF ARIZONA.

Chains	240 on side facing claim and raise a mound of stone around cor. to protect it. (Pits and mounds impracticable) whence, from cor. 240
	placed . . . A nail in a white oak 7 ins. dia., bears N. 81° 39' E., 28 lks. dist.
	placed . . . A nail in a yellow pine 13 ins. dia., bears N. 42° 06' E., 54 lks. dist.
	placed . . . A nail in a blackjack pine 9 ins. dia., bears N. 32° 22' W., 116 lks. dist.
	Each blazed and scribed 3 H E S 240 B T.
	Mary's Nipple, a sharp peak, bears N. 25° 22' W. about 40 chs. dist.
	Thence N. 60° 16' W. course SW. along fence and edge of scattering pine and oak. Descend 10 ft.
1.00	Bottom of descent. Cross wash 10 lks. wide, 5 ft. deep, course south. Thence over level land.
4.00	Ascend 10 ft. Pole fence, bears SW.
10.00	Top of ascent. Continue over rolling land.
11.60	Pole cut-off fence, bears SW.
14.30	Descend 5 ft.
15.00	Wash, 10 lks. wide, 5 ft. deep, course SE.
15.20	Ascend 10 ft.
23.45	To Cor. No. 4. Identical with list cor. No. 4, which is a sandstone 24 x 20 x 8 ins. marked and witnessed as described by the Forest Service. I destroy it and all witnesses thereto. Point for cor. falls on white sandstone surface rock. I set an iron rod 3/4 in. dia., 10 in. long, 6 ins. in the solid rock, for cor. No. 4 of this survey, chiseled 4 - H E S 240 on side of stone facing claim, and raise a mound of stone over

HOMESTEAD ENTRY SURVEY NO. 240

6:

T₂S₁₀E₁₀ APACHE MOUNTAIN NATIONAL FOREST

STATE OF ARIZONA. U.S.A.

- Chains to cor. point, whence, info given abv. to Observe
 A nail in a yellow pine 11 ins. dia., bears
 $N. 39^{\circ} 43' E.$, 33 lks. dist.
- A nail in a yellow pine 10 ins. dia., bears
 $N. 54^{\circ} 43' W.$, 55 lks. dist.
- A nail in a white oak, 15 ins. dia., bears
 $S. 28^{\circ} 08' E.$, 40 lks. dist.
- Each blazed and scribed 4 H E S 240 B T.
- Mary's Nipple, a sharp prominent peak, bears
 $N. 08^{\circ} 45' W.$, about 47.00 chs. dist.
- Thence S. $37^{\circ} 37'$ W. across ridge & valley.
- Descend 15 ft. along wire fence which bears with line.
- Bottom of descent. Cross creek 5 lks. wide, 1/2 ft. deep, course SE. Continue over level land. Enter scattering timber.
- To Cor. No. 5. Identical with list cor. No. 5, which is a sandstone 24 x 10 x 9 ins. marked and witnessed as described. by the Forest Service. I destroy it and all witnesses thereto and set a white sandstone 24 x 12 x 6 ins., 14 ins. in the ground, over a stone marked with a cross, chiseled 5 - H E S 240 on side facing claim and a cross on top. Dig pits 24 x 24 x 12 ft. dist.; and raise a mound of earth and stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within claim, whence:
- A nail in a white oak 12 ins. dia., bears
 $N. 67^{\circ} 14' W.$, 41 lks. dist.
- A nail in a yellow pine 8 ins. dia., bears
 $S. 67^{\circ} 35' W.$, 57 lks. dist.
- A nail in a yellow pine 11 ins. dia., bears
 $S. 45^{\circ} 53' E.$, 88 lks. dist.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains	<p>A nail in a yellow pine 40 ins. dia., bears S. 58° 05' E., 19 lks. dist.</p> <p>A nail in a white oak 23 ins. dia., bears S. 62° 47' W., 66 lks. dist.</p> <p>A nail in a white oak 19 ins. dia., bears S. 01° 14' E., 97 lks. dist.</p> <p>Each blazed and scribed 7 H E S 240 B T.</p> <p>Mary's Nipple, a sharp prominent peak, bears N. 15° 45' W., about 50.00 chs. dist.</p> <p>List cor. No. 7, which is a sandstone 24 x 6 x 5 ins. marked and witnessed as described by the Forest Service, bears North ten lks. dist. which I destroy and all witnesses thereto.</p> <p>Note: Departure from the listing survey in this instance was made in order to include fences belonging to the claimant.</p>
11.00	Thence S. 54° 51' E.
11.50	Along wire fence, through edge of scattering pine and oak. Descend 15 ft. over unlisted land.
3.50	Pole cut-off fence, bears NE.
12.50	Bottom of descent. Cross wash 5 lks. wide, 2 ft. deep, course NE.
12.40	Ascend 10 ft.
15.00	Top of slope.
15.50	Descend 15 ft.
20.20	Bottom of descent. Cross spring branch, 5 lks. wide, 1/2 ft. deep. Course NE.
20.40	Ascend 20 ft. to corner.
26.18	To cor. No. 8. Identical with list cor. No. 8, which is a sandstone 26 x 20 x 10 ins., marked and witnessed as described

HOMESTEAD ENTRY SURVEY NO. 240

TAX APACHE JCT NATIONAL FOREST

9:00

STATE OF ARIZONA

Chains by the Forest Service. I destroy it and all witnesses thereto, and set a basalt stone 24 x 17 x 5 ins., 14 ins. in the ground, over a stone marked with a cross, chiseled 8 - H E S 240 on side facing claim and a cross on top. Dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth and stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within claim, whence:

A nail in a yellow pine 22 ins. dia., bears N. 39° 00' E., 15 lks. dist.

A nail in a white oak, 22 ins. dia., bears S. 13° 30' E., 50 lks. dist.

Each blazed and scribed 8 H E S 240 B T.

Thence N. 13° 51' E. Descend 25 ft. along east side of fence through edge of scattering pine.

Enter pole corral, bears east and west.

Leave pole corral, bears east and west. Continue along west side of wire fence. Leave pine timber.

6.60 Creek, 5 lks wide, 1/2 ft. deep, course E. Bottom of descent.

Ascend 10 ft. to cor. To Cor. No. 1, the place of beginning.

AREA

Area in Sec. 13----- 11.19 acres

Area in Sec. 12----- 6.44 acres

Listed Area----- 17.47 acres

Unlisted Area----- .16 acres

Total Area----- 17.63 acres

Note: The computation of the area in sections 12 and 13 is based on the course and distance of line bet.

secs. 12 and 13 as of record.

10.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

IMPROVEMENTS

The improvements made upon this claim, the property of the claimant herein, consists of the following:

1-1/4 miles of pole and barbed wire fencing.

Value-----\$125.00

Pole corral, 60 x 60 ft., course of sides N. and S.,

the SW. cor. of which bears from Cor. No. 8, N. 08°

54' E., 3.07 chs. dist.

Value-----\$ 15.00

Log hut, 20 x 14 ft. with log shed on NW. Cor. 8 x 12

ft., course of long sides N. and S., the SE. cor.

of which bears from Cor. No. 8, N. 03° 32' W.,

4.02 chs. dist.

Value-----\$ 75.00

Log chicken house, 8 x 10 ft., course of long sides

E. and W., the SW. cor. of which bears from Cor.

No. 8, N. 11° 10' E., 4.66 chs. dist.

Value-----\$ 10.00

Total value of improvements-----\$225.00

DESCRIPTION

This claim is located along a narrow fertile valley, at an elevation of 8,400 ft. above sea level. The claim is traversed by a small creek of pure clear water furnishing sufficient water for all purposes.

The soil is a black sandy silt, first class, about

three acres have been under cultivation heretofore, producing good crops of grain, potatoes and vegetables.

There is no timber of commercial value or evidence of minerals on the claim.

Nutrioso, Arizona, post office and trading center lies 2 miles in a northeasterly direction and is reached by a fair wagon road.

HOMESTEAD ENTRY SURVEY NO. 240

11.

173

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims. The Meadow Ranger Station lies approximately 5 chains NE. of this survey.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 89° 40' W.	6.79	.04			6.79
2-3	N. 71° 14' W.	10.35	3.33			9.80
3-4	N. 60° 16' W.	23.45	11.63			20.36
4-5	S. 37° 37' W.	3.65		2.89		2.23
5-6	S. 50° 24' E.	6.07		3.87	4.68	
6-7	S. 74° 10' E.	11.00		3.00	10.58	
7-8	S. 54° 51' E.	26.18		15.07	21.41	
8-1	N. 13° 51' E.	10.15	9.85		2.43	
		97.64	24.85	24.85	39.10	39.18
			24.83			39.10
Error in Lat. & Dep.			.02			.08

Error of closure 1:1184

Section 12

Course	Dist.	N	S	E	W
N. 54° 51' W.	0.66	.38			.54
N. 74° 10' W.	11.00	3.00			10.58
N. 50° 24' W.	6.07	3.87			4.68
N. 37° 37' E.	3.65	2.89		2.23	
S. 60° 16' E.	20.41		10.12	17.72	
S. 89° 31' W.	4.11		.03		4.11
	45.90	10.14	10.15	19.95	19.91
Error in Lat. & Dep.			.01	19.91	.04

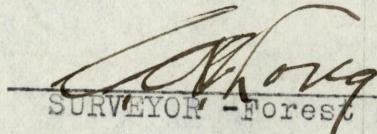
Error in Closure 1:992

Section 13

Course	Dist.	N	S	E	W
S. 13° 51' W.	10.15		9.85		2.43
N. 54° 51' W.	25.52	14.69			20.87
N. 89° 31' E.	4.11	.03		4.11	
S. 60° 16' E.	3.04		1.51	2.64	
S. 71° 14' E.	10.35		3.33	9.80	
S. 89° 40' E.	6.79		.04	6.79	
	59.96	14.72	14.73	23.34	23.30
Error in Lat. & Dep.			.01	23.30	.04

Error of Closure 1:1296

Survey completed October 11, 1914.



SURVEYOR - Forest Service

STATE OF **TO STATE**

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176

THE STATE OF SOUTH DAKOTA

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.

3. In calculations for balancing fallings should be proportional to the lengths of the lines.
 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. 240, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.			DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
1-8	S.13° 51' W	10.15		9 85			2 43	44 20		435 37
8-Sec. line	N.54° 51' W	25.52	14 69			20 87	20 88	306 94		
Sec. Line	W.89° 31' E	4.11	03		4 11		4 11			
Sec. Line-2	S.60° 16' E	3.04		1 51	2 64		10 86		16 40	
3-2	S.71° 14' E	10.35		3 33	9 80		23 29		77 56	
2-1	S.89° 40' E	6.72		04	6 79		39 86		1 59	
			14 72	14 73	23 34	23 30		307 06	530 92	
			14 73	14 73	23 32	23 22			307 06	
									207 223 86	
									11 19 acres	
Sec. 12										
2	N.54° 51' W	.66	38				54	8 76	3 33	
3	N.74° 10' W	11.00	3 00				1058 69	19 89	59 67	
4	N.50° 24' W	6.07	3 87				468	35 17	136 11	
5	N.37° 37' E	3.65	2 89					37 63	108 75	
6	S.60° 16' E	20.41	10 12	17 72				17 70		178 95
1	S.82° 31' W	4.11	03		411	4 11				12
			10 14	10 15	19 95	19 91			307 86	179 07
			10 14	10 14	19 93	19 93			207 128 79	
									64 39	6.44 aacs.
										11.19 aacs.
										17.63 aacs.

177

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APPROVAL

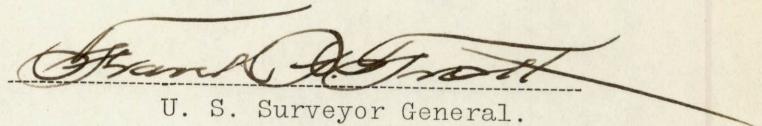
Office of the United States Surveyor General,

Phoenix, Arizona, June 21, 1919

The foregoing field notes of Homestead Entry Survey No.

240

executed by C. A. Long, Surveyor-
under his special instructions, dated August 6, 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. TROT

1-2349

U. S. Surveyor General.