

HES

0

0

6

1

0

JUN 26 1922

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

HOMESTEAD ENTRY SURVEY NO. 610

SITUATED IN THE SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 12, un-surveyed, Township 12 N., Range 17 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA.

Applicant for listing

Residence

Application No. , dated , 19

Blanket List No. 3-4364 , dated May 24 , 19 19

Applicant for survey Charles W. Ross,

Residence Heber, Arizona

H. E. No. 046865 , dated June 5 , 19 20

Land Office Phoenix, Arizona

Survey executed by Thomas F. Myers, Surveyor - Forest Service,
[Forest Service Title]

Under special instructions dated March 6 , 19 20

Survey commenced July 4 , 19 21

Survey completed July 6 , 19 21

Under Acts of June 11, 1906, and March 3, 1921.

74

OATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers,**
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. 610, in the State
of ARIZONA which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of our knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished 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.

Louis H. Conull Chainman
Col A Harris Chainman

Subscribed and sworn to before me this Sixth day of
July, 19 21

Thomas F. Myers
Surveyor - Forest Service.

OATH OF SURVEYOR

I, **Thomas F. Myers, Surveyor - Forest Service**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for ARIZONA, dated
March 6, 19 20, 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 Blanket List

, No. 3-4364, dated May 24, 19 19, for amended
listing and patent, under the Act of June 11, 19 06,
the same to be known as Homestead Entry Survey No. 610,
situated within the SITGREAVES National Forest, in
un-surveyed Section 12, Township 12 N., Range 17 E., and
--- surveyed Section ---, Township ---, Range ---

of the GILA AND SALT RIVER BASE & 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 instructions, and in the specific manner described in the field
notes, and that the following are the original field notes of such

Thomas F. Myers

Surveyor - Forest Service.
[Forest Service Title.]

Subscribed and sworn to before me this 8th day of
May, 19 22

Ethel A. Myers

Notary Public



My com. expires April 12, 1925.

Chains

Blanket List No. 3-4364, dated May 24, 1919; H. E. 046865, made in the Phoenix Land Office on June 5, 1920, by Charles W. Ross.

No attempt was made to conform this survey to the original list lines. The changes made were for the purpose of including all possible agricultural lands while eliminating Forest lands and to obtain more satisfactory lines. This survey will therefore be used as a basis for amended listing and entry.

Copy of a signed statement from the entryman agreeing to the change is attached at the end of these notes. Surveyed under special instructions from the Surveyor General for Arizona, dated March 6, 1920, and designated as Homestead Entry Survey No. 610.

Situated in what will probably be when surveyed Sec. 12, T. 12 N., R. 17 E., Gila and Salt River Base and Meridian, Sitgreaves National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, and March 3, 1921.

Survey commenced July 4, 1921, and executed with a Buff and Buff transit No. 10530, equipped with Smith solar attachment.

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

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

July 4, 1921.

At my station near Cor. No. 1 of this survey in Lat. $34^{\circ}27'36''$ N., Long. $110^{\circ}28'48''$ W. from Forest Service Base Map. I observe Polaris as follows:

HOMESTEAD ENTRY SURVEY NO. 610

SITGREAVES NATIONAL FOREST

2.

STATE OF ARIZONA

Chains	Telescope 1st obsn.	Time	Angles, Star to Mark (Mark West of Star)
	Direct	Watch 7h 39m 29s	3° 15'
	Reversed	" 7h 41m 55s	3° 17'
	Mean	" 7h 40m 42s	3° 16'
	Corr. to l.m.t.	<u>21m 55s</u>	
	l.m.t. obsn.	7h 18m 47s	3° 16'
	2nd obsn.		
	Direct	Watch 7h 43m 35s	3° 17'
	Reversed	" 7h 46m 00s	3° 18'
	Mean	" 7h 44m 48s	3° 17' 30"
	Corr. to l.m.t.	<u>21m 55s</u>	
	l.m.t. obsn.	7h 22m 53s	3° 17' 30"
	3rd obsn.		
	Direct	Watch 7h 47m 40s	3° 18'
	Reversed	" 7h 49m 30s	3° 19'
	Mean	" 7h 48m 35s	3° 18' 30"
	Corr. to l.m.t.	<u>21m 55s</u>	
	l.m.t. obsn.	7h 26m 40s	3° 18' 30"
	Greenwich m.t. U. C. Polaris July 5, 1921,	6h 41.9m a.m.	
	Corr. for Long.	<u>1.2</u>	
	l.m.t. U. C. Polaris July 5, 1921,	6h 40.7m a.m.	
	l.m.t. 1st obsn. July 4, 1921,	<u>7h 18.8m p.m.</u>	
	Hour angle	11h 21.9m	
	Azimuth of Polaris	0°12.7' E.	
	Bearing of reference Mark	N. 3°03.3' W.	
	l.m.t. U.C. Polaris July 5, 1921,	6h 40.7m a.m.	
	l.m.t. 2nd obsn. July 4, 1921,	<u>7h 22.9m p.m.</u>	
	Hour angle	11h 17.8m	
	Azimuth of Polaris	0°14.1' E.	
	Bearing of Reference Mark	N. 3°03.4' W.	
	l.m.t. U.C. Polaris July 5, 1921,	6h 40.7m a.m.	
	l.m.t. 3rd obsn. July 4, 1921	<u>7h 26.7m p.m.</u>	
	Hour angle	11h 14.0m	

Chains

Azimuth of Polaris 0°15.3' E.

Bearing of Reference Mark N. 3°03.2' W.

The mean bearing of reference mark is N. 3°03.3' W. I accept bearing of reference mark as N. 3°03' W. and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

July 4, 1921.

RETRACEMENT

July 5, 1921.

Beginning at the 1/4 Cor. between Secs. 1 and 12, T. 12 N., R. 17 E.; an iron post 1 in. in dia. 14 ins. above ground, with brass cap, marked and witnessed as described by the Surveyor General.

Thence East.

Retracing line between Secs. 1 and 12, E/2.

40.00 Fall 4 lks. N. of Cor. of Secs. 1, 6, 7 and 12, T. 12 N., Rs. 17 and 18 E., an iron post 2 ins. dia. 14 ins. above ground, with brass cap, marked and witnessed as described by the Surveyor General.

Thence N. 89°57' W.

On true line between Secs. 1 and 12, E/2.

20.00 Set temp. point for 1/16 Sec. Cor. and Cor. No. 2 of this survey, hereinafter described.

40.00 The 1/4 Cor. between Secs. 1 and 12, previously described.

BOUNDARIES OF CLAIM

July 5, 1921.

Beginning at Cor. No. 1.

Identical with the 1/4 Cor. between Secs. 1 and 12, previously described. I adopt same for Cor. No. 1 of this survey and alongside to SE set a limestone 24x6x12 ins. 12 ins. in the ground on solid rock, chiseled 1 HES. 610 on SE.

Post is 3" dia
2

SITGREAVES NATIONAL FOREST

4.

STATE OF ARIZONA

Chains	<p>Latitude $34^{\circ}27'36''$ N., Long $110^{\circ}29'$ W. from Forest Service Base Map.</p> <p>Mag. decl. at 8 a.m. $14^{\circ}20'$ E. Mean mag. decl. $14^{\circ}16'$ E.</p> <p>Note: The boundaries of the list survey were not marked upon the ground.</p> <p>Thence S. $89^{\circ}57'$ E.</p> <p>Descend 10 ft. over gentle E. slope, through scattering cedar and pinon.</p> <p>Fence is parallel to line 50 lks. dist. to N.</p> <p>2.10 Bottom descent. Enter cultivation. Bears N. and S.</p> <p>5.10 Leave cultivation. Bears N. and S.</p> <p>5.83 Pearce Wash, 50 lks. wide, banks 4 ft. high, course NNW. Thence over open level land.</p> <p>18.80 Begin ascent of 10 ft. over rocky W. slope.</p> <p>20.00 To Cor. No. 2 and Closing Cor. on line between Secs. 1 and 12, also $1/16$ Sec. Cor.</p> <p>Deposit a limestone $2x2x2$ ins. marked with a + 12 ins. in the ground, on solid rock, over which set a limestone $24x10x8$ ins. chiseled + for the point, CC on S., $1/16$ on W., and 2 HES 610 on SW face; surrounded by mound of stone; raise a mound of stone 2 ft. base $1-1/2$ ft. high S. of Cor., whence;</p> <p>A pinon 10 ins. dia. brs. S. $53^{\circ}40'$ E. 80 lks.</p> <p>A pinon 8 ins. dia. brs. N. $83^{\circ}40'$ E. 59 lks.</p> <p>Each blazed and scribed CC $1/16$, 2 HES 610 + BT.</p> <p>The Cor. of Secs. 1, 6, 7 and 12, previously described bears S. $89^{\circ}57'$ E. 20.00 chs.</p> <p>The $1/4$ Cor. between Secs. 1 and 12, previously described bears N. $89^{\circ}57'$ W. 20.00 chs.</p> <hr/> <p>Thence S. $0^{\circ}02'$ W.</p> <p>Over gently rolling W. slope.</p> <p>.30 Fence bears N. 25° E. and S. $25'$ W.</p>
--------	--

4

79

Chains

4.00

Fence bears NE. and SW.

18.80

Fence bears N. 1°30' E. and S. 1°30' W.

24.22

To Cor. No. 3.

Deposit a limestone 2x4x4 ins., marked with a + 14 ins. in the ground, over which set a limestone 24x8x8 ins., chiseled + for the point and 3 HES 610 on W. face; (no stone available for mound), whence:

A pinon 8 ins. dia. brs. N. 66°00' E. 30 lks.

A cedar 7 ins. dia. brs. S. 8°15' W. 18 lks.

Each blazed and scribed 3 HES 610 + BT.

Thence S. 31°03' W.

Over rolling land through scattering pinon and cedar.

1.50

Fence bears N1°30' E. and S. 1°30' W.

41.76

Fence bears E. and W.

44.00

To Cor. No. 4.

Deposit a sandstone 2x2x4 ins. marked with a + 16 ins. in the ground, over which set a sandstone 24x14x6 ins. chiseled + for the point and 4 HES 610 on NW. face; (no stone available for mound), whence:

A cedar 8 ins. dia. brs. S. 18°00' E. 100 lks.

A pine 14 ins. dia. brs. N. 41°10' W. 433 lks.

Each blazed and scribed 4 HES 610 + BT.

Thence S. 74°00' W.

Over gently rolling NW. slope.

7.12

To Cor. No. 5.

Deposit a sandstone 2x4x4 ins., marked with a + 14 ins. in the ground, over which set a sandstone 24x8x8 ins. chiseled + for the point and 5 HES 610 on NW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

80

HOMESTEAD ENTRY SURVEY NO. 610

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

6/.

Chains

A pine 16 ins. dia. brs. N. 7°15' W. 157 lks.

A pine 12 ins. dia. brs. S. 32°30' W. 153 lks.

Each blazed and scribed 5 HES 610 + BT.

Thence S. 20°57' W.

5.00 Pearce Wash, 100 lks. wide, banks 5 ft. high, course N.

9.23 To Cor. No. 6.

Deposit a limestone 2x4x4 ins. marked with a + 18 ins. in the ground, over which set a limestone 28x14x10 ins. chiseled + for the point and 6 HES 610 on NW. face; (no stone available for mound), whence:

A cedar 9 ins. dia. brs. S. 63°23' W. 122 lks.

A pine 30 ins. dia. brs. N. 13°41' E. 324 lks.

Each blazed and scribed 6 HES 610 + BT.

Point for Cor. No. 5 of HES 451, which I determine from call of witness trees, bears S. 7°07' W. 4.08 chs. dist. The point for Cor. 5 HES. 451 falls in bed of Pearce Wash. The Cor. has been washed out by recent floods.

Thence N. 80°57' W.

Over open level bottom land.

5.16 Fence, bears N. and S.

5.46 To Cor. No. 7.

Deposit a limestone 2x2x4 ins. marked with a + 14 ins. in the ground, over which set a limestone 24x16x10 ins. chiseled + for the point and 7 HES 610 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A pinon 5 ins. dia. brs. N. 52°01' W. 176 lks.

A cedar 12 ins. dia. brs. N. 38°52' W. 141 lks.

Each blazed and scribed 7 HES 610 + BT.

July 5, 1921.

Chains

July 6, 1921.

Thence N. 2°40' W.

Over open level land.

24.51

To Cor. No. 8.

Deposit a limestone 2x3x4 ins., marked with a + 14 ins. in the ground, over which set a limestone 22x10x6 ins., (no longer stone available), chiseled + for the point and 8 HES 610 on SE face (no stone available for mound), whence:

- A pine 25 ins. dia. brs. N. 1°46' W.. 84 lks.
- Blazed and scribed 8 HES 610 + BT.
- No other witnesses available. Pits impracticable.

Thence N. 47°27' E.

Over open rolling land.

10.86

To Cor. No. 9.

Deposit a limestone 2x4x4 ins., marked with a + 12 ins. in the ground, to solid rock, over which set a limestone 36x16x10 ins., chiseled + for the point and 9 HES 610 on E. face; surrounded by mound of stone; raise a mound of stone 2 ft. base 1-1/2 ft. high E. of Cor., whence:

- A pinon 9 ins. dia. brs. N. 48°42' W. 141 lks.
- A cedar 10 ins. dia. brs. N. 30°04' W. 230 lks.
- Each blazed and scribed 9 HES 610 + BT.

Thence N. 9°57' E.

Over gently rolling land through edge of scattering pinon and cedar.

2.25

Fence bears N. and S.

32.74

To Cor. No. 10.

Deposit a sandstone 2x4x4 ins., marked with a + 16 ins.

HOMESTEAD ENTRY SURVEY NO. 610

SITGREAVES NATIONAL FOREST

8.

STATE OF ARIZONA

Chains in the ground, over which set a limestone 24x14x8 ins. chiseled + for the point and 10 HES 610. on SE. face, (no stone available formund), whence:

A cedar 10 ins. dia. brs. N. 22°02' W. 217 lks.

A cedar 12 ins. dia. brs. N. 59°14' W. 463 lks.

Each blazed and scribed 10 HES 610 + BT.

Thence N. 35°50' E.

Over gently rolling land through scattering pinon and cedar.

9.63 To Cor. No. 1, the place of beginning.

AREA

Total area - - - - - 158.01 acres.

IMPROVEMENTS

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

A frame shed 10x12 ft., the long sides extending N. and S., the NE. Cor. of which bears S. 26°26' W. 4.12 chs. from Cor. No. 2.

Value - - - - - \$ 75.00

A log barn 20x22 ft., the long sides extending E. and W., the NW. Cor. of which bears S. 20°30' W. 4.50 chs. from Cor. No. 2.

Value - - - - - \$ 50.00

A frame chicken house 6x8 ft., the long sides extending E. and W., the NW. Cor. of which bears S. 8°00' W., 5.39 chs. from Cor. No. 2.

Value - - - - - \$ 25.00

A frame house 20x30 ft., the long sides extending N. and S., the S.E. Cor. of which bears S. 56°10' W. 9.75 chs. from Cor. No. 2.

Value - - - - - \$500.00

HOMESTEAD ENTRY SURVEY NO. 610

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

About 3 miles of wire fencing, partly on
outside of claim.

Value - - - - - \$400.00

DESCRIPTION

The claim is situated on Pearce Wash and is comprised primarily of open level land along the Wash. The soil is a rich sandy loam of good depth and very fertile. Approximately 140 acres of the area is suitable for agricultural purposes, of which about 60 acres were in cultivation at the time of survey.

The rainfall is depended upon to grow crops.

Water for domestic use is obtained from seeps in Pearce Wash.

There is no timber of commercial value on the claim.

I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is joined on the north by patented land belonging to the A. & P. Railway Co.

Heber, Arizona, the nearest settlement and postoffice, lies about 7 miles to SW. and is reached by good wagon road.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 89° 57' E.	20.00		.02	20.00	
S. 0° 02' W.	24.22		24.22		.01
S. 31° 03' W.	44.00		37.70		22.69
S. 74° 00' W.	7.12		1.96		6.84
S. 20° 57' W.	9.23		8.62		3.30
N. 80° 57' W.	5.46	.86			5.39
N. 2° 40' W.	24.31	24.28			1.13
N. 47° 27' E.	10.86	7.34		8.00	
N. 9° 57' E.	32.74	32.25		5.66	
N. 35° 50' E.	9.63	7.81		5.64	
	187.57	72.54	72.52	39.30	39.36

Error in Lat. & Dep. 02 06

Closing error 1/2966

84

HOMESTEAD ENTRY SURVEY NO. 610

10.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Survey completed July 6, 1921.

Thomas J. Meyer

Surveyor - Forest Service.

(COPY)

28 85

July 7, 1921.

I, C. W. Ross, hereby agree to the survey of my homestead, number 610, ~~completed~~ on the sixth day of July, 1921, by Forest Service Surveyor, Thomas F. Myers, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry, I will apply for amendment of the same to conform with said survey.

July 4-6

(Sgd.) C. W. Ross,

Claimant.

(Sgd.) Cola R. Morris,

Witness.

- 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. 610, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	S. 89° 57' E.	20.00		02	20 00		58 63			1 17	
2 - 3	S. 0° 02' W.	24.22		24 22			78 64			1904 66	
3 - 4	S. 31° 03' W.	44.00		37 70			22 69			2110 63	
4 - 5	S. 74° 00' W.	7.12		1 96			6 84			51 86	
5 - 6	S. 20° 57' W.	9.23		8 62			3 30			140 68	
6 - 7	N. 80° 57' W.	5.46	86				5 39	6 56			
7 - 8	N. 2° 40' W.	24.31	24 28				1 13	27 19			
8 - 9	N. 47° 27' E.	10.86	7 34		8 00		8 00	58 72			
9 - 10	N. 9° 57' E.	32.74	32 25		5 66		21 67	698 64			
10 - 1	N. 35° 50' E.	9.63	7 81		5 64		32 98	257 57			
		187.57	72 54	72 52	39 30	39 36		1048 68		4209 00	
Error in Lat. & Dep.				02	06					1048 68	
										20 / 3160 32	
Closing Error 1/2966										158 01	G.C.

87

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, *October 18*, 1912

The foregoing field notes of Homestead Entry Survey No.

610

executed by *Thomas F. Myers, Surveyor* [Forest Service Title.]
under his special instructions, dated *March 6*, 1910, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank P. Trott
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.