U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
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, 1919

Applicant for survey Charles W. Ross,
Residence Heber, Arizona
H. E. No: 046865 dated June 6, 1920
Land Office Phoenix, Arizona

Survey executed by Thomas F. Myers, Surveyor - Forest Service,
Under special instructions dated March 6, 1920
Survey commenced July 4, 1921
Survey completed July 6, 1921
OATH OF ASSISTANTS

We hereby certify that we assisted Thomas F. Myers, Surveyor - Forest Service in surveying all those 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 established, according to the instructions furnished by the United States Surveyor General for Arizona.

Note: It would have been very expensive and inconvenient to appear before an officer to administer Oaths to Assistants; hence they were taken by the Surveyor.

Louis H. Cassell Chairman
Col. H. D. Avery Chairman

Subscribed and sworn to before me this Sixth day of July 1921

Thomas F. Myers
Surveyor - Forest Service.

OATH OF SURVEYOR

1. Thomas F. Myers, Surveyor - Forest Service do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated March 8, 1920, 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, 1919, for amended listed and patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 610, situated within the STGEMAVES National Forest, in un-surveyed Section 12, Township 12 N., Range 17 E., and survey 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

Subscribed and sworn to before me this day of May 1922

Ethel F. Myers
Notary Public

My commission expires April 12, 1925.
Blanket List No. 5-4364, dated May 24, 1919; H. E. 046695, 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. 10520, 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°27'35" N., Long. 110°26'48" W. from Forest Service Base Map. I observe Polaris as follows:
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<th>Chains</th>
<th>Telescope 1st obsn.</th>
<th>Time</th>
<th>Angles, Star to Mark (Mark West of Star)</th>
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<td>Mean</td>
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<tr>
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<td>7h 26m 40s</td>
<td>3° 18' 30&quot;</td>
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</table>

Greenwich m.t. U. C. Polaris July 5, 1921, 6h 41.9m a.m.

Corr. for Long. 1.2

l.m.t. U. C. Polaris July 5, 1921, 6h 40.7m a.m.
l.m.t. 1st obsn. July 4, 1921, 7h 18.8m p.m.

Hour angle 11h 21.9m

Azimuth of Polaris 0°12.7' E.

Bearing of reference Mark N. 3°08.2' W.
l.m.t. U.C. Polaris July 5, 1921, 6h 40.7m a.m.
l.m.t. 2nd obsn. July 4, 1921, 7h 22.9m p.m.

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 7h 26.7m p.m.

Hour angle 11h 14.0m
Chains

Azimuth of Polaris 0°15.3' E.

Bearing of Reference Mark N. 2°08.2' W.

The mean bearing of reference mark is N. 2°08.2' W. I accept bearing of reference mark as N. 2°08.2' W. and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

July 4, 1921.

RETRACING

July 5, 1921.

Beginning at the 1/4 Cor. between Secs. 1 and 12, T. 12 N., R. 17 E., an iron post 1 ft. 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., R. 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 HRS. 610 on SE.
Latitude 34°27'36" N., Long 110°29' W. from Forest Service Base Nop.
Magg. decl. at 8 a.m. 14°20' E. Mean mag. decl. 14°16' E.

Note: The boundaries of the list survey were not marked upon the ground.

Thence S. 89°57' E.
Descend 10 ft. over gentle E. slope, through scattering cedar and pinon.
Fence is parallel to line 50 lks. dist. to N.

2.10 Bottom descent. Enter cultivation. Bears N. and S.
5.10 Leave cultivation. Bears N. and S.
5.63 Pass Wash, 50 lks. wide, banks 4 ft. high, course NNW. Thence over open level land.
16.80 Begin ascent of 10 ft. over rocky W. slope.
20.00 To Cor. No. 2 and Closing Cor. on line between Secs. 1 and 12, also 1/16 Sec. Cor.
Deposit a limestone 2x2x2 ins. marked with a + 12 ins. in the ground, on solid rock, over which set a limestone 2x2x2 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., thence;
A pinon 10 ins. dia. brs. S. 53°40' E. 50 lks.
A pinon 8 ins. dia. brs. N. 83°40' E. 59 lks.
Each blazed and scribed CC 1/16, 2 HES 610 + BT.
The Cor. of Secs. 1, 6, 7 and 12, previously described bears S. 89°57' E., 20.00 chs.
The 1/4 Cor. between Secs. 1 and 12, previously described bears N. 89°57' W., 20.00 chs.

Thence S. 0°02' W.
Over gently rolling W. slope.

Fence bears N. 25° E., and S. 25° W.
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. 16 lks.
Each blessed and scribed 3 HES 610 + BT.

Thence S. 21°30' 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 blessed 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:
Chains

A pine 15 ins. dia. brs. N. 7°15' W. 157 lks.
A pine 12 ins. dia. brs. S. 32°30' W. 155 lks.
Each blazed and scribed 5 HES 610 + BT.

Thence S. 20°37' W.
5.00
Pearce Wash, 100 lks. wide, banks 5 ft. high, course N.
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. 15°41' E. 224 lks.
Each blazed and scribed 6 HES 610 + BT.

Point for Cor. No. 5 of HES 461, which I determine
from call of witness trees, bears S. 7°07' W.
4.08 chs. dist. The point for Cor. 5 HES. 461
falls in bed of Pearce Wash. The Cor. has been
washed out by recent floods.

Thence N. 80°37' 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 6, 1921.
HOMESTEAD ENTRY SURVEY NO. 610
SITGREAVES NATIONAL FOREST
STATE OF ARIZONA

Chains

July 6, 1921.
Thence N. 2°40' W.
Over open level land.
24.61
To Cor. No. 8.
Deposit a limestone 22x10x6 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 6 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 6 HES 610 + ED.
No other witnesses available. Fits impracticable.

Thence N. 47°27' W.
Over open rolling land.
10.86
To Cor. No. 9.
Deposit a limestone 22x10x6 ins., marked with a + 12 ins.
in the ground, to solid rock, over which set a lime-
stone 22x10x10 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. 20°04' W. 230 lks.
  Each blazed and scribed 9 HES 610 + ED.

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 22x10x6 ins., marked with a + 15 ins.
in the ground, over which set a limestone, 24x14x8 ins. chiseled + for the point and 10 HES 610, on SE. face, (no stone available for mound), whence:

A cedar 10 ins. dia. brs. N. 22°22' W. 217 lks.
A cedar 12 ins. dia. brs. N. 56°14' W. 463 lks.
Each blazed and scribed 10 HES 610 + BT.

Thence N. 55°30' E.
Over gently rolling land through scattering pinyon 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
### 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. & F. Railway Co.

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

### TRAVERSES

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<th>E.</th>
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187.57    72.54    72.52    29.30    33.36

Error in Lat. & Dep.: 02 06

Closing error 1/2966
Survey completed July 6, 1921.

Surveyor - Forest Service.
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.

(Sgd.) C. W. Ross,
Claimant.

(Sgd.) Cola R. Morris,
Witness.
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<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
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| Error in Lat. & Dep. | 1.17 | 1.17 |
| Closing Error 1/2966 | 02.06 | 168.01 |

Surveyors are required to use the Standard Field Tables issued by the G. O. C. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.
APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona, October 10, 1912

The foregoing field notes of Homestead Entry Survey No. 610

executed by Thomas S. Myers, Surveyor
under his special instructions, dated March 6, 1920, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature]
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 F. TROTT
U. S. Surveyor General.