FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 879
SITUATED IN THE COCONINO NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 5, unsurveyed, Township 18 N., Range 6 E.
In Section 6, unsurveyed, Township 18 N., Range 6 E.
(T. 16 N., R. 6 E., partly surveyed and accepted)
of the GILA AND SALT RIVER BASE & Meridian.
State of ARIZONA

Applicant for listing Albert W. Partyman,
Residence Flagstaff, Arizona.
Application No. 33, dated May 20, 1907
List No. 765, dated January 22, 1908

Applicant for survey Charles R. Allen,
Residence Flagstaff, Arizona.
M. R. No. 01920, dated September 5, 1912
Land Office, Phoenix, Arizona.

Survey executed by A. W. Hendrix, Surveyor - Draftsman, Forest Service
Under special instructions dated August 3, 1918
Survey commenced May 27, 1919
Survey completed May 30, 1919
OATH OF ASSISTANTS

We hereby certify that we assisted A. W. Hendrix, Surveyor - Draftsman, Forest Service, in surveying all those parts or portions of Homestead Entry Survey No. 579, 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 oath to Assistant; hence, it was taken by the Surveyor.

Subscribed and sworn to before me this 30th day of May, 1919.

SURVEYOR - DRAFTSMAN, FOREST SERVICE

OATH OF SURVEYOR

I, A. W. Hendrix, Surveyor - Draftsman, Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated August 3, 1907, 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. 765, dated January 23, 1906, and also a tract of unlisted land upon the Application of Albert W. Putzyn, Application No. 32, dated May 30, 1907, for Listing and Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 579, situated within the Oconee National Forest, in the unsurveyed Section 8, Township 18 N., Range 6 E., and the unsurveyed Section 1, Township 18 N., Range 5 E., of the Gila and Salt River Base 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 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 survey.

Subscribed and sworn to before me this 27th day of

SURVEYOR - DRAFTSMAN, FOREST SERVICE
Homestead Entry Survey No. 579

Cocopino National Forest
State of Arizona.

Chains


This claim is located in an unsurveyed section and was erroneously listed by legal subdivisional description. The survey as marked upon the ground embraces all possible agricultural land intended to be included in the original listing while excluding forest land. This is in the nature of a cooperative survey and will be used as a basis for substitute listing and amendment of entry. Copy of a signed statement from the entryman agreeing to the changes made and also agreeing to amend his entry to conform to this survey is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 3, 1916, and designated as Homestead Entry Survey No. 579.

Situated in unsurveyed Secs. 5 and 8, T. 18 N., R. 6 E. (partly surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.


Survey commenced May 27, 1919, 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 400 link steel tape. The slope angles were determined with a clinometer.
2. HOMESTEAD ENTRY SURVEY NO. 579
COCORINO NATIONAL FOREST
STATE OF ARIZONA.

May 27, 1919.

At Cor. No. 1 of this survey, hereinafter described, in
Lat. 34° 58' N., Long. 111° 45' 12" W., from Forest
Service Base Map, at 3h. 18.9m. a.m., 1.m.t., I observe
Polaris at Eastern elongation with telescope direct and
reversed, and mark my lines of sight by a cross on a
boulder in place about 5 chs. northwardly of my station.
Diff. bet. lines 1/4 in.

At 6h. 00m. a.m., 1.m.t., I lay off the azimuth of Polaris
1° 22' 26" to the West from the mean of the two lines
determined by obsn. on Polaris, and mark the meridian
thus determined by driving a nail in a stake firmly
set in the ground 5 chs. north of my station, from
which all the courses of this survey were deflected by
sustained angulation.

RETRACEMENT

Beginning at the W.C. 1/4 cor. bet. secs. 8 and 9, a mal-
pais stone 6 x 10 x 20 ins. set in a mound of stone,
mkd. and witnessed as described by the Surveyor General.
From the above W.C. 1/4 cor., which is East 76 lks. from
the true pt. for 1/4 cor.,
Thence S. 0° 11' W. (Record course S. 0° 02' E.)
For W.C. to Cor. of Secs. 8, 9, 16 and 17, flag on
which is plainly visible.

44.20
The W.C. to cor. of Secs. 8, 9, 16 and 17, which is a
malpaís stone 24 x 6 x 12 ins., set in a mound of stone
mkd. and witnessed as described by the Surveyor General,
which is N. 89° 52' E. 76 lks. from true point for cor.
to Secs. 8, 9, 16 and 17.

Return to W.C. 1/4 cor. bet. Secs. 8 and 9, heretofore
described.
Thence N. 0° 02' W.
Retracing line bet. Secs. 8 and 9, N/2.
Fall 24 lks. East of cor. to Secs. 4, 5, 8 and 9, which
is a malpais stone 4 x 16 x 22 ins. loosely set in mound
of stone. I rebuild mound of stone around cor. and
also rebuild mound of stone West of cor.
True line is N. 0° 46' E., 35.10 lks.
May 27, 1919.

BOUNDARIES OF CLAIM

May 28, 1919.

Beginning at Cor. No. 1,
I chisel + on a boulder in place flush with the ground,
over which set a granite stone 6 x 8 x 20 ins. chiseled
+ on top and 1 H E S 579 on SW. face, surrounded by
a mound of stone 3 ft. base, 1-1/2 ft. high, and raise
a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of
cor., whence:

A sycamore 14 ins. dia., brs. N. 45° 30' E.,
61 lks. dist.

A juniper 24 ins. dia., brs. N. 89° 20' W.,
86 lks. dist.

Each blazed and scribed H E S + 579 E T
Cor. of Secs. 4, 5, 8 and 9, herefore de-
scribed, brs. S. 82° 59' E., 12.85 lks. dis-
t. by traverse which appears at the
end of these notes.

Lat. 34° 58' N., Long. 111° 45' 12'' W., from Forest
Service Base Map.
Mag. decl. at 8 a.m., 14° 40' E., Mean mag.
decl. 14° 37' E.

Thence S. 17° 07' W.
Desc. 6 ft. to cor. over bottom land, through dense
brush.
<table>
<thead>
<tr>
<th>Chains</th>
<th>Enter cultivated land, thence along East edge of same.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.45</td>
<td>Fence, bears N. 30° E. and S. 30° W. Leave cultivated land.</td>
</tr>
<tr>
<td>3.20</td>
<td>To Cor. No. 2.</td>
</tr>
<tr>
<td></td>
<td>Point for cor. nails on a sandstone boulder in place showing 4 x 5 x 7 ft. above ground, I chisel boulder + for the true point for cor. and 2 H E S 579 on West face, raise a mound of stone 2 ft. base, 1-1/2 ft. high.</td>
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<td></td>
<td>West of cor., whence:</td>
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<td></td>
<td>An alder 12 ins. dia., brs. N. 36° 30' W., 37 lks. dist.</td>
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<tr>
<td></td>
<td>A sycamore 10 ins. dia., brs. S. 32° 00' W., 101 lks. dist.</td>
</tr>
<tr>
<td></td>
<td>Each blazed and scribed 2 H E S + 579 B T</td>
</tr>
<tr>
<td></td>
<td>Thence S. 42° 09' W.</td>
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<tr>
<td></td>
<td>Descend 5 ft. over creek bottom.</td>
</tr>
<tr>
<td>3.50</td>
<td>Oak Creek, 350 lks. wide, course S. 70° W. Bottom of descent. Ascend 50 ft. to cor. over creek bottom.</td>
</tr>
<tr>
<td>6.00</td>
<td>Leave creek bottom, begin steep ascent of rocky point.</td>
</tr>
<tr>
<td>6.82</td>
<td>Top of steep ascent, thence ascend gradually over N. slope to cor.</td>
</tr>
<tr>
<td></td>
<td>To Cor. No. 3.</td>
</tr>
<tr>
<td></td>
<td>Deposit a malpais stone 3 x 4 x 6 ins., mkd. with a + 18 ins. in the ground, over which set a malpais stone 6 x 10 x 24 ins. chiseled a + on top and 3 H E S 579 on West face and raise a mound of stone 2 ft. base, 1-1/2 ft. high. West of cor., whence:</td>
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<tr>
<td></td>
<td>A pine 20 ins. dia., brs. N. 54° W., 24 lks. dist.</td>
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<tr>
<td></td>
<td>A juniper 10 ins. dia., brs. S. 63° 30' E., 46 lks. dist.</td>
</tr>
<tr>
<td>Chains</td>
<td>Each blazed and scribed 3 H E S * 879 B T</td>
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<td></td>
<td>May 28, 1919.</td>
</tr>
</tbody>
</table>

May 29, 1919.

Thence S. 16° 32' W.

Descend 30 ft. to cor. over rolling land, along foot of steep west slope, through dense brush and scattering timber.

13.99 To Cor. No. 4.

Deposit a malpais stone 5 x 5 x 5 ins. mkd. with a +, 18 ins. in the ground, over which set a malpais stone 6 x 8 x 25 ins., chiseled a + on top and 4 H E S 879 on NW. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., thence:

A juniper 24 ins. dia., brs. S. 71° W.,

72 lks. dist.

An oak 10 ins. dia., brs. S. 72° 10' E.,

15 lks. dist.

Each blazed and scribed 4 H E S * 879 B T

Cor. No. 7 of H. E. S. No. 369, a malpais stone 10 x 5 x 10 ins. above ground, mkd. + on top and 7 H E S 369 on S. face, brs. S. 25° 44' W., 11.72 chs. dist. by direct measurement.

Thence N. 72° 28' W.

Descend 5 ft. over west slope through dense brush and scattering timber.

.85 road, brs. N. and S., bottom of descent; Ascend 16 ft.

over rocky point, brs. NW. and SE.

1.75 Top of ascent. Descend 60 ft. over steep SW. slope to creek.

8.00 Bottom of steep descent, thence over creek bottom.
Chains

9.50  Oak Creek, 300 lks. wide, course SE.; bottom of descent.
    Thence over creek bottom.
    Ascending 100 ft. to cor.

11.00 Leave creek bottom, thence over rolling land, along
     foot of North slope.

16.10 To Cor. No. 5.

Deposit a malpais stone 3 x 5 x 6 ins. mdk. with a +,
18 ins. in the ground, over which set a sandstone 14 x
16 x 24 ins. chiseled + on top and 5 H E S 579 on NE.
face, and raise a mound of stone 2 ft. base, 1-1/2 ft.
high, NE. of cor., whence:

A pine 10 ins. dia., brs. S. 8° 10' W.,
102 lks. dist.

A fir 8 ins. dia., brs. S. 45° 20' E.,
80 lks. dist.

Each blazed and scribed 5 H E S + 579 B T

May 29, 1919.

May 30, 1919.

Thence N. 7° 43' E.

Ascend 100 ft. to cor. along foot of precipitous sand-
stone bluff, through dense oak brush.

.75 Fence, brs. SE. and NW. Cor. of fence brs. SE. 125 lks.
Fence brs. East from cor.

3.00 Cultivated land brs. East, 150 lks., extends SE. and
parallel to line.

7.00 Cultivated land, brs. NW.

8.60 Begin steep ascent of low ridge,

10.00 Top of low ridge, brs. E. and W.

11.00 Cross head of canyon, about 60 ft. deep, course E.,
Ascend low ridge to cor.

13.70 To Cor. No. 6.
Deposit a sandstone 3 x 6 x 6 ins. marked with a + 18 ins. in the ground, over which set a sandstone 6 x 14 x 22 ins. (No larger stone available), chiseled + on top and 6 H E S 579 on SE. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., whence:

A pine 16 ins. dia., brs. N. 6° 30' E.,
22 lks. dist.

A pine 20 ins. dia., brs. N. 40° 10' W.,
18 lks. dist.

Each blazed and scribed 6 H E S + 579 B T

Thence N. 82° 20' E.
Descend 300 ft. to cor. over rough South slope of ridge through dense brush and scattered timber.

1.00 Canyon 60 ft. deep, course SE.
21.50 Road bears NE. and SW.
22.00 Irrigation ditch, 6 lks. wide, course S. 60° W.
22.50 Fence bears NE. and SW.
23.18 To Cor. No. 1 and place of beginning.

AREA

Area — — — — — — — — — — — — — — — — — — 32.50 A.

IMPROVEMENTS

The improvements made on this claim and belonging to the claimant consist of the following:

A 4 room log house 16 x 50 ft., N. and S., with 16 ft. E, in poor condition, but habitable, the NW. cor. of which brs. S. 63° 55' E., 6.05 chs.

from Cor. No. 6. Value — — — — — — — — — — — — $400.00

About a mile of wire fencing,

Value — — — — — — — — — — — — — — — — $200.00

About 3/4 mile of irrigation ditch,

Value — — — — — — — — — — — — — — — — $200.00
Chains

DESCRIPTION

The claim lies entirely in the canyon of Oak Creek, consisting of about 5 acres of creek bottom land proper, and the rest lies on benches and the East slope of the canyon. The soil is a rich sandy loam and suitable for agriculture when irrigated; Oak creek furnishing abundant water for this purpose. The creek itself runs through the claim and is from two to five chains wide, taking up considerable of the land, and there are rocky points and knolls which are unfit for cultivation. Approximately 15 acres of the claim can be placed in cultivation by clearing. About 10 acres are in cultivation at present, most of which is orchard.

Water for domestic purposes is obtained from the irrigation ditch.

There is no indication of mineral on or near the claim. There is practically no timber of commercial value on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

H. E. S. 369 lies about 18.00 chs. to the South, and H. E. S. 368 lies about 1 mile to the South.

Flagstaff, Arizona, on the A. T. and S. F. Ry., the nearest post office and trading point, is about 20 miles in a northerly direction.
<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 2</td>
<td>S. 17°07' W.</td>
<td>3.20</td>
<td>North: 3.06</td>
<td>East: 94'</td>
<td>45 70'</td>
<td>149 02'</td>
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<tr>
<td>2 - 3</td>
<td>S. 42°29' W.</td>
<td>6.82</td>
<td>South: 5.06</td>
<td>East: 43 19'</td>
<td>43 19'</td>
<td>218 54'</td>
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<td>3 - 4</td>
<td>S. 16°22' W.</td>
<td>13.99</td>
<td>North: 13 41</td>
<td>East: 3.98</td>
<td>34 64'</td>
<td>464 52'</td>
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<td>4 - 5</td>
<td>N. 72°22' W.</td>
<td>16.10</td>
<td>South: 4.85</td>
<td>East: 15 25</td>
<td>15 25</td>
<td>74 35</td>
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<td>5 - 6</td>
<td>N. 7°43' E.</td>
<td>13.70</td>
<td>North: 13 58</td>
<td>East: 1.84</td>
<td>1.84</td>
<td>24 99</td>
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<td>6 - 1</td>
<td>N. 62°20' E.</td>
<td>22.18</td>
<td>South: 7.09</td>
<td>West: 22 97</td>
<td>22 97</td>
<td>82 65</td>
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<td></td>
<td>75.99</td>
<td>South: 21 52</td>
<td>West: 24 85</td>
<td>24 85</td>
<td>181 99</td>
<td>832 08</td>
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<td>21 52</td>
<td>West: 21 53</td>
<td>West: 24 81</td>
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<td>West: 21 52</td>
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<td>21 52</td>
<td>West: 21 52</td>
<td>West: 24 81</td>
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<td>181 99</td>
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<td>Error in Lat. and Dep.</td>
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<td>CORNERS</td>
<td>BEARING</td>
<td>DISTANCE</td>
<td>LATITUDES</td>
<td>DEPARTURES</td>
<td>DOUBLE M. D.</td>
<td>N. AREAS</td>
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<td>3 06</td>
<td>12 25</td>
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<td>S. 17-07 W.</td>
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<td>S. 42-09 W.</td>
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<td>1 17</td>
<td>3 58</td>
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<td>S. 8-47 W.</td>
<td>5.23</td>
<td>5 17</td>
<td>3 82</td>
<td>2 06</td>
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<tr>
<td>S. 28-37 W.</td>
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<td>2 64</td>
<td>2 34</td>
<td>5 09</td>
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<td>S. 41-30 W.</td>
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<td>4 70</td>
<td>1 75</td>
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<tr>
<td>S. 20-24 W.</td>
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<td>N. 0-11 E.</td>
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<td>N. 0-48 E.</td>
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<td>36 10</td>
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<td>50</td>
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</tbody>
</table>

Surveyors are required to use the Standard Field Tables issued by the G. L. O.
May 31, 1919.

I, C. R. Allen, hereby agree to the survey of my homestead, Number 579, as completed on 30th day of May, 1919, by Forest Service Surveyor A. W. Hendrix, 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.

The changes made by the Surveyor are instead of approximate NW. 1/4 NE. 1/4, unsurveyed Section 8, T. 18 N., R. 6 E., Gila and Salt River Base & Meridian,-

Beginning at Cor. No. 1, from which the cor. of secs. 4, 5, 6 and 9, bears S. 82° 39' E., 12.35 chs. Thence S. 17° 07' W., 3.20 chs. To Cor. No. 2. Thence S. 42° 09' W., 6.82 chs. to Cor. No. 3. Thence S. 16° 32' W., 13.99 chs. to Cor. No. 4. Thence N. 72° 23' W., 16.10 chs. To Cor. No. 5. Thence N. 7° 43' E., 13.70 chs. to Cor. No. 6. Thence N. 82° 20' E., 23.18 chs. to Cor. No. 1. The claim consists of 32.49 acres, more or less.

(Sgd.) D. E. Harbison, (Sgd.) C. R. Allen,
Witness. Claimant,
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 24, 1920

The foregoing field notes of Homestead Entry Survey No. 574

executed by A. H. Hendrix, Surveyor-Drafterman
under his special instructions, dated Aug. 3, 1918, 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. TROTTC
U. S. Surveyor General.