FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 372

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 3, surveyed, Township 21 N., Range 6 E.

of the Gila and Salt River Base and Meridian.

State of ARIZONA

Applicant for listing W. W. Willis,
Residence Flagstaff, Arizona.
Application No. 264, dated August 30, 1911
List No. 3-1679, dated January 13, 1912

Applicant for survey W. W. Willis,
Residence Flagstaff, Arizona.
H. E. No. 021634, dated March 16, 1913
Land Office Phoenix, Arizona

Survey executed by Charles D. Hodson, Surveyor - Draftsman (Forest Service Title)
Under special instructions dated July 9, 1915
Survey commenced September 1, 1915
Survey completed September 1, 1915
OATH OF ASSISTANTS

We hereby certify that we assisted Charles D. Hodson, in surveying all those parts or portions of Homestead Entry Survey No. 372, 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.

Subscribed and sworn to before me this 1st day of October, 1915.

Charles D. Hodson
Surveyor - Draftsman

OATH OF SURVEYOR

I, Charles D. Hodson, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated July 9, 1915, 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. 3-1579, dated Jan. 13, 1915, for Patent, dated June 11, 1906, under the Act of Coconino National Forest, in
situated within the surveyed Section 3, Township 21 N., Range 6 E., and
surveyed Section ----, Township ----, Range ----, all

of the G. and S. R. E. 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 8th day of October, 1915.

Charles D. Hodson
Surveyor - Draftsman

My Commission expires April 30, 1915.
Homestead Entry Survey No. 272
CochinO National Forest
State of Arizona

Chains: Applicant for listing, W. W. Willis; Application No. 264; dated August 30, 1911; List No. 3-1679, dated January 13, 1912; R. E. 021654, made in the Phoenix Land Office on March 18, 1913 by W. W. Willis.

Surveyed under special instructions from the Surveyor General for Arizona, dated July 9, 1915 and designated as Homestead Entry Survey No. 372.

Situated in sec. 3, T. 21 N., R. 6 E., Gila and Salt River Base and Meridian, within the Coconino National Forest, Arizona.


Survey commenced September 1, 1915 and executed with a Buff and Buff transit No. 9700-6.

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

All measurements were made directly on the slope with a 800 link steel tape. The slope angles were determined with a clinometer.

September 1, 1915.

I observe the altitude of the sun for azimuth at the 1/4 sec. cor. bet. secs. 3 and 4, and what will be cor. No. 1 of this survey. The reading on the reference object was set at zero and the sun was observed in the lower left and upper right quadrants of the field. My watch is set for local mean time. Lat. 35° 14' 12" N., Long. 111° 45' 30" W., obtained from the special instructions of the Surveyor General.

Position

Telescope 1.m.t. Horizontal Angle Vertical Angle

Direct

8h. 06m. 39s. 77° 56' 00" 30° 41' 30"

Reversed

8h. 07m. 19s. 79° 25' 30" 30° 17' 30"

Mean

8h. 06m. 59s. 78° 10' 45" 30° 29' 30"

Bearing of reference object is S. 0° 00' 22" E.
HOMESTEAD ENTRY SURVEY NO. 372
COCCHINO NATIONAL FOREST
STATE OF ARIZONA

<table>
<thead>
<tr>
<th>Chains</th>
<th>Position Tele</th>
<th>l.m.t.</th>
<th>Horizontal Angle</th>
<th>Vertical Angle</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Direct Sh. 08m. 24s.</td>
<td>77° 23' 00&quot;</td>
<td>21° 01' 30&quot;</td>
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<td>Reversed Sh. 09m. 01s.</td>
<td>78° 08' 20&quot;</td>
<td>20° 37' 30&quot;</td>
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<tr>
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<td>Mean Sh. 08m. 42s.</td>
<td>77° 55' 46&quot;</td>
<td>20° 49' 20&quot;</td>
<td></td>
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</table>

Bearing of reference object is S. 0° 00' 24" E.

The mean of the two obsns. is 3. 0° 00' 23" E., and from the corresponding meridian all courses of this survey are deflected.

RETRACEMENT

Beginning at the 1/4 cor. bet. secs. 3 and 4, T. 21 N., R. 6 E. (accepted), a post 4 x 4 x 24 ins. above ground, marked and witnessed as described by the Surveyor General. This 1/4 cor. is in poor condition. Therefore restore same as follows:

Set a malpais' stone 18 x 8 x 6 ins., 12 ins. in ground, over a small stone marked with a cross, chiseled 1/4 on W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high West of cor.

Thence S. 0° 18' W. (recorded course)

On a random line bet. secs. 3 and 4.

40.22 Fall 36 lbs. W. of the cor. to secs. 3, 4, 9 and 10, a post 4 x 4 x 30 ins. above ground, marked and witnessed as described by the Surveyor General.

Return course N. 0° 13' W.; 40.22 chs.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

Identical with the 1/4 cor. bet. secs. 3 and 4, hereafter described. I chisel a cross on top of 1/4 cor. for cor. No. 1 of this survey and alongside to the south set a malpais stone 24 x 6 x 6 ins., 14 ins. in ground, chiseled 1 - H E S 372 on SE. face; whence:

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

1 H E S 372 + B T, bears N. 46° 25' E.
Homestead Entry Survey No. 372

Cocopino National Forest

State of Arizona

Chains

324 lks. dist.
A pine, 36 ins. dia., blazed and scribed
1 H E S 372 + B T, bears N. 24° 27' W.,
465 lks. dist.
Lat. 35° 14' 13" N. Long. 111° 45' 20" W., from
special instructions of Surveyor General, and later verified.
Mag. decl. at 9:00 a.m., 14° 29' E. Mean mag. decl.
14° 36.9' E.

Thence S. 78° 51' E.

0.25 Rail fence, bears W. and S. Thence along edge of field
over level land.
6.70 Fence cor., fence bears NW. and ESE along line.
28.91 To cor. No. 2. At cor. of fence. Fence bears WNW.
and ENE. along claim lines.

Identical with cor. H-2 of the list survey, a limestone 10 x 6 x 10 ins. above ground, marked and witnessed by the Forest Service. I destroy all trace of the list cor. and at this point set a malpais stone 24 x 16 x 4 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 2 - H E S 372 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor., whence:

A pine, 8 ins. dia., blazed and scribed
2 H E S 372 + B T, bears N. 38° 45' E.,
261 lks. dist.
A pine, 20 ins. dia., blazed and scribed
2 H E S 372 + B T, bears N. 9° 07' W.,
96 lks. dist.

Thence N. 70° 34' E.
Along edge of cultivated land; fence on line.
Desc. 5 ft.
| Chains | 16.49 | To cor. No. 3. At cor. fence. Fence bears WSW. and SSE., along claim lines.

Identical with cor. H-3 of the list survey, a limestone 6 x 4 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a malpais stone 18 x 10 x 8 ins., 12 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 3 - H E S 372 on the SW. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high, SW. of cor., whence:

- A pine, 18 ins. dia., blazed and scribed 3 H E S 372 + B T, bears N. 72° 55' E., 256 lbs. dist.

- A pine, 16 ins. dia., blazed and scribed 3 H E S 372 + B T, bears N. 76° 34' W., 45 lbs. dist.

Note: A longer stone for cor. was not available.

Thence S. 14° 36' E.

Along edge of cultivated land, fence on line.

11.44 To cor. No. 4. At cor. of fence. Fence bears NNW. along line and W.

Identical with cor. H-4 of the list survey, a limestone 10 x 5 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a malpais stone 24 x 14 x 8 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 4 - H E S 372 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., whence:

- A pine, 28 ins. dia., blazed and scribed 4 H E S 372 + B T, bears N. 83° 06' E.,
<table>
<thead>
<tr>
<th>Chains</th>
<th>18 lks. dist.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A pine, 6 ins. dia., blazed and scribed</td>
</tr>
<tr>
<td></td>
<td>4 H E S 372 + B T, bears S. 6° 39' E.</td>
</tr>
<tr>
<td></td>
<td>228 lks. dist.</td>
</tr>
</tbody>
</table>

Thence S. 62° 36' W. 7.00 Asc. 5 ft. over rocky point.

Top of asc., point bears NW. 3.00 chs. dist.

Desc. 5 ft.

13.00 Foot of desc. Fence bears NNE. and SSW.

23.40 Fence bears E. and W.

24.86 To cor. No. 5. At cor. fence. Fence bears NE. and NW. along line.

Identical with cor. H-5 of the list survey, a limestone 7 x 5 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a malpais stone 20 x 10 x 6 ins., 13 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 5 - H E S 372 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., whence:

A pine, 14 ins. dia., blazed and scribed 5 H E S 372 + B T, bears N. 80° 04' E., 56 lks. dist.

A pine, 7 ins. dia., blazed and scribed 5 H E S 372 + B T, bears S. 49° 14' E., 79 lks. dist.

Thence N. 42° 20' W.

Along wire fence at foot of gentle NE. slope.

10.43 Fence cor. Fence bears NW. and SE. along line and NE.

10.93 To cor. No. 6. At cor. of fence. Fence bears SE.

along line and WNW. along line.
Set a malpais stone 24 x 14 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 6 - H E S 372 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence:

A pine, 22 ins. dia., blazed and scribed
6 H E S 372 + B T, bears S. 42° 10' W.,
.63 lks. dist.
A pine, 20 ins. dia., blazed and scribed
6 H E S 372 + B T, bears S. 40° 49' E.,
239 lks. dist.

Point for cor. H-6 of the list survey bears N. 17° 38' W., 2.25 chs. dist. The cor. had been destroyed in cultivating and I destroy the witness thereto.

Thence N. 75° 30' W.
1.50 Fence bears E. and WNW. along line.
Asc. 5 ft. across cultivated land at foot of gentle slope.
13.75 Thence cor., fences bear ESE. along line and WSW.
Enter cultivated land.
17.75 Rail fence, bears N. and S. - Line, entered.
17.89 To cor. No. 7 and C. C. on line bet. secs. 3 and 4.

Identical with cor. H-7 of the list survey, a limestone 12 x 4 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a malpais stone 18 x 6 x 6 ins., 12 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 7 - H E S 372 on the NS. face, and C C on the ESE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high on closing line, ESE. of cor., whence:
A pine, 24 ins. dia., blazed and scribed
7 H E S 372 + B T, bears N. 35° 08' W.,
260 lks. dist.

A pine, 28 ins. dia., blazed and scribed
7 H E S 372 + B T, bears S. 77° 10' W.,
178 lks. dist.

The 1/4 sec. cor. bet. secs. 3 and 4 and
cor. No. 1 of this survey, previously de-
scribed, bears N. 0° 13' W., 10.07 chs. dist.
The cor. to secs. 3, 4, 9 and 10, previously
described, bears S. 0° 13' E., 30.15 chs. dist.

Thence N. 0° 13' W.

Over level land.

To cor. No. 1, and place of beginning.

AREA

Total area -- -- -- -- -- -- -- -- -- -- 58.32 acres

IMPROVEMENTS

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

A frame house, 30 x 22 ft., the long side extending E.
and W. and the SE. cor. of which bears from cor. No.
6, N. 6° 39' W., 1.09 chs. dist.

Value --------------------- $150.00

A frame barn, 46 x 28 ft., the long side extending N.
and S. and the SW. cor. of which bears from cor. No.
6, N. 58° 28' E., 1.02 chs. dist.

Value --------------------- $100.00

A pole and frame hay shed, 60 x 24 ft., the long side
extending SE. and NW. and the W. cor. of which bears
from cor. No. 6, S. 51° 06' E., 1.56 chs. dist.
Value $100.00

A stock water tank, 60 x 60 ft., the dam of which is 60 ft. long, extending E. and W., and S. 30 ft. from the ends, and the NE. cor. of which bears from cor. No. 6, N. 20° E., 3.40 chs., dist.

Value $50.00

Approximately 1-1/2 miles of rail and wire fence, which follows very closely the lines of the claim.

Value $150.00

DESCRIPTION

This claim is situated in a small almost level park sloping gently to the NE. The soil is a sandy loam with clay subsoil, and the claimant has approximately 60 acres under cultivation. At the time of survey excellent crops of barley, wheat and oat hay were being grown.

Water for stock purposes is obtained from the tank near the house. Water for domestic use is obtained from a well approximately 4 miles distance.

There is no timber of commercial value on this claim. This is not a mineralized section and I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Flagstaff, the nearest railroad, market point and post office, is 8 miles in an easterly direction and is reached by 2 miles of poor and six miles of excellent wagon road.

ARIZONA
<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
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<td>S. 78° 31' E.</td>
<td>28.91</td>
<td>5.59</td>
<td>22.36</td>
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<tr>
<td>N. 70° 34' E.</td>
<td>16.49</td>
<td>5.49</td>
<td>15.55</td>
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<tr>
<td>S. 14° 38' E.</td>
<td>11.44</td>
<td>11.07</td>
<td>2.89</td>
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<tr>
<td>S. 62° 36' W.</td>
<td>24.86</td>
<td>11.44</td>
<td>22.07</td>
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<td>N. 42° 20' W.</td>
<td>10.93</td>
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<td>N. 75° 30' W.</td>
<td>17.89</td>
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<td>N. 0° 13' W.</td>
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</table>

120.59 28.12 28.10 46.80 46.79
28.10 46.79

Error in Lat. and Dep. .02 .01
Closing error 1:5395'
Survey completed September 1, 1915.

[Signature]
Surveyor - Draftsman
### Homestead Entry Survey No.

**State of Montana**

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**Chains**

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**Reference Section:**

[Signature]

[Stamp]
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<th>Horizontal Angle</th>
<th>Vertical Angle</th>
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<td>Telescope</td>
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<tr>
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<td>78° 26' 30&quot;</td>
<td>30° 17' 30&quot;</td>
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<tr>
<td></td>
<td>Mean</td>
<td>77° 10' 45&quot;</td>
<td>30° 31' 40&quot;</td>
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</tbody>
</table>

Elevation 7200 ft.

Lat. 35° 14' 13" N. Long. 111° 45' 30" W. = Th. 27m. 02s.

Decl. = 8° 35' 24.3" - (3.57 x 54.15") = 8° 32' 11" N.

log. sin. 8° 32' 11" = 9.1715456
log. cos. 35° 14' 13" = 9.9121014
log. cos. 30° 28' 14" = 9.9364567
\[
\log. \sin. 8° 32' 11" = 9.1715456
\]
\[
\log. \cos. 35° 14' 13" = 9.9121014
\]
\[
\log. \cos. 30° 28' 14" = 9.9364567
\]

log. tan. 8° 32' 11" = 9.9490243
log. tan. 30° 28' 14" = 9.7889838
\[
\log. \tan. 8° 32' 11" = 9.9490243
\]
\[
\log. \tan. 30° 28' 14" = 9.7889838
\]

Cos. Azimuth = 204748
Azimuth = S. 78° 11' 07" E.
78° 10' 45"
S. 0° 00' 22" E.

Bearing of Reference Object, S.0° 00' 34" E.
### Tabling and Calculations of Homestead Entry Survey No. 372, State of Arizona

<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>
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<td>28.12</td>
<td>28.12</td>
<td>46.79</td>
<td>46.79</td>
<td>58.32 acres</td>
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**Closing error 1.5393**
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 15, 1918.

The foregoing field notes of Homestead Entry Survey No. 372

executed by Charles D. Hodson, under his special instructions, dated July 9, 1915, 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.

[Signature]
U. S. Surveyor General.