U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 351
SITUATED IN THE PRESCOTT NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 25, unsurveyed, Township 17 N., Range 5 W.
In Section 26, unsurveyed, Township 17 N., Range 5 W.

of the
Gila and Salt River Base and Meridian.
State of
ARIZONA

Applicant for listing W. H. Ainsworth.
Residence Simons, Arizona.
Application No. 152, dated October 24, 1912.
List No. 3-2312, dated February 21, 1913.

Applicant for survey Joseph G. Estes.
Residence Simons, Arizona
H. E. No. 025234, dated June 3, 1914.
Land District Phoenix, Arizona

Survey executed by Charles D. Hodson, Surveyor - Draftsman (Forest Service Title)
Under special instructions dated April 20, 1915.
Survey commenced July 16, 1915.
Survey completed July 17, 1915.
OATH OF ASSISTANTS

We hereby certify that we assisted Charles D. Hodson, Surveyor - Draftsman, in surveying all those parts or portions of Homestead Entry Survey No. 351, 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, Surveyor - Draftsman, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated April 20, 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.5-351, dated February 21, 1915, and a tract of land upon the application of Joseph G. Bates,

Application No. 283, dated March 31, 1916, for Patent, under the Act of June 11, 1906,

the same to be known as Homestead Entry Survey No. 351, situated within the National Forest, in

un surveyed Section 26 V., Township 17 N., Range 5 W., and

un surveyed Section 26 V., Township 17 N., Range 5 W.

of the G. and S. R. E. and meridian, Arizona, and the related retracements and surveys 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.

Charles D. Hodson, Surveyor - Draftsman

Subscribed and sworn to before me this 5th day of October, 1915.

[Signature]

Also a tract of unlisted land adjoining claimant's entry was included in this survey; the land is agricultural in character, was desired by entryman and will be listed as a basis for amendment of his entry No. O.25234.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 20, 1915 and designated as Homestead Entry Survey No. 351.

Situated in what will probably be, when surveyed, secs. 25 and 26, T. 17 N., R. 5 W., Gila and Salt River Base and Meridian in the Prescott National Forest, Arizona.

Surveyed under the acts of June 11, 1906 and March 4, 1915.

Survey commenced July 16, 1915, and executed with a Buff and Buff transit No. 9700-6, 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 16, 1915.

At 10h. 33m. 42s. p.m., I observe Polaris with telescope direct, at cor. H-1 of the list survey and what will be cor. No. 1 of this survey, and mark my line of sight with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. My watch is set
Homestead Entry Survey No. 361
Prescott National Forest
State of Arizona

Chains for local mean time. Lat. 34° 50' 23" N. Long. 112° 44' 43" W. from Surveyor Generals Special instruction.

Greenwich m.t. U.C. Pol.; July 17, 1915, 5h. 53.4m.a.m.
Corr. for Long. 1.2m.

1.m.t. U.C. Pol., July 17, 1915,
5h. 52.2m.a.m.
12h. - 10h. 33.7m. = 1h. 26.3m.

Time Argument and Hour Angle, 7h. 18.5m.

Azimuth of Pol. at obsn., 1° 18' 54" E.

At 11h. 00m. 30s. p.m., 1.m.t., I again observe Polaris with telescope reversed, and mark my line of sight with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Greenwich m.t. U.C. Pol., July 17, 1915, 5h. 53.4m.a.m.
Corr. for Long. 1.2m.

1.m.t. U.C. Pol., July 17, 1915,
5h. 52.2m.a.m.
12h. - 11h. 00.5m. = 59.5m.

Time Argument and Hour Angle, 6h. 51.7m.

Azimuth of Pol. at obsn., 1° 21' 42" E.

July 16, 1915.

July 17, 1915.

At 7h. 00m. a.m., 1.m.t., at cor. No. 1, I lay off 1° 19' to the W. of my line of sight of last night's (first) obsn. and mark the line with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also lay off 1° 21' 30" to the West of my line of sight of last night's (second) obsn., which falls 1/2 in. E. of the point determined by deflection from line of sight of first obsn. I mark the mean of the two points and from the meridian thus established all the courses of this survey are deflected.
Beginning at Cor. No. 1. sit 3rd bedrock as be
Ok 1

A granite stone 12 x 10 x 6 ins. above ground, marked and wit
nessed as described by the Forest Service. I destroy the
all trace of the list cor. and at this point set a
granite stone 24 x 12 x 10 ins., 14 ins. in the ground,
over broken glass. I chisel a cross at the point and
1 H E S 351 on the N. face; and raise a mound of
stone, 2 ft. base, 1-1/2 ft. high, N. of cor., whence:

A walnut, 8 ins. dia., blazed and scribed

A malpaia stone 14 x 10 x 10 ins. above

by the Surveyor General, bears S. 0° 19'

which appears at the end of these notes.

Lat. 34° 50' 29" N., Long. 112° 44' 43" W., obtained

from the instructions of the Surveyor General, and
later verified.

Mag. decl. at 7h. 30m. a.m., 1 m.t., 14° 50' E.

Mean Mag. decl. 14° 45.3' E.
Chains Thence N. 78° 42' W., 118.3 ft. Through scattering walnut timber, over level bottom and meadow, etc. I lose and mislay a milestone.

14.19 To cor. No. 2. Thence N. 80° 30' W., 102.0 ft., asLot Denierwan.

Identical with cor. H-5 of the list survey, a granite stone 12 x 6 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 granite stone 28 x 16 x 12 ins., 18 ins. in the ground, over broken glass. I chisel a cross at the point and:

- 2 - H E S 351 on the NE. face; and raise a mound of a stone 2 ft. base, 1-1/2 ft. high NE. of cor., whence:

Juniper, 7 ins. dia., blazed and scribed
An oak, 6 ins. dia., blazed and scribed

Siding on H E S 351 + B T, bears S. 22° 22' W., 69 lks. dist.

- 3 - An oak, 6 ins. dia., blazed and scribed

Thence N. 28° 00' W., 546.2 ft. along fence, through scattering oak and juniper at foot of NE. slope.

12.74 To cor. No. 3. Thence N. 80° 13' W., 38.6 lks., due

Identical with cor. H-4 of the list survey, a granite stone 12 x 10 x 8 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 granite stone 28 x 12 x 10 ins., 18 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 3 - H E S 351 on the ESE. face; and raise a mound of stone 3 ft. base, 2 ft. high, ESE. of cor., whence:
A juniper, 24 ins. dia., blazed and scribed
3 H.E.S 351 + B.T. bears S. 35° 36' E.,
117 lks. dist.
A white oak, 6 ins. dia., blazed and scribed
3 H.E.S 351 + B.T. bears S. 17° 44' W.,
15 lks. dist.
Cor. No. 5 of H.E.S 352 a granite stone 10 x 8 x 10 ins.
above ground marked + on top and 5 H.E.S 352 on W. face
with mold of stone 2 ft. base 1-1/2 ft. high W. of cor.
bears N. 68° 30' W. 5.98 chs. by traverse which appears
at the end of these notes.

At cor. No. 1 at 12h. 00m., noon apparent time, I set off
21° 18' N. of the decl. arc and observe the sun on the
meridian. The resulting latitude is 34° 50' 30" N.

Return to cor. No. 5.
Thence W. 85° 34' E.
Along fence, leave listed land. Through scrub oak
over level bottom land.
5.00 Hit Wash, 50 lks. wide, banks 2 ft. high, course SE.
Asc. 30 ft. on SW. slope of ridge.
6.70 Fence bears SE. and along line.
13.00 Top of asc., thence along S. slope of ridge.
25.00 Desce. 20 ft. along SE. slope.
30.00 Enter level land.
21.10 Fence cor., fences bear westerly along line and South.
26.47 To cor. No. 4.
Identical with cor. H-2 of the list survey, a granite
stone 14 x 12 x 6 ins. above ground, marked and wit-
nessed as described by the Forest Service. I destroy
all trace of the list cor. and at this point set a
sandstone 8 x 8 x 4 ins., 14 ins. in the ground, over
a small stone marked with a cross. I chisel a cross
at the point and E - H.E.S 351 on the SW. face; and
raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW.
HOMESTEAD ENTRY SURVEY NO. 361.
PRESIDIO OF EL PASO NATIONAL FOREST
STATE OF ARIZONA

Chains

... of cor., whence:

A juniper, 6 ins. dia., blazed and scribed
4 H 3 S 361 + B T, bears S. 74° 15' E.,
56 lks. dist.

A walnut, 6 ins. dia., blazed and scribed
4 H 3 S 361 + B T, bears S. 20° 10' W.,
57 lks. dist.

Cor. H-3 of the list survey, a granite stone 6 x
6 x 10 ins. above ground, marked and witnessed
as described by the Forest Service, bears S.
79° 13' W., 21.82 chs. dist. I destroy all
trace of this list cor.

At 3h. Oom. p.m., l.m.t., I set off 34° 50' 30" N. on
the lat. arc, 21° 17' N. on the decl. arc and deter-
mine a meridian with the solar.

Thence S. 20° 00' E.

Over unlisted land. Desc. 10 ft. over S. slope.
1.75

Hit Wash, banks 5 ft. high, course E.
8.05

Leave Hit Wash; banks 3 ft. high, course WNW. Asc.
2 ft. through scattering juniper and walnut on bottom
land.

14.99

To cor. No. 5.

Set a granite stone 25 x 16 x 12 ins., 16 ins. in the
ground, over a small stone marked with a cross. I
chisel a cross at the point and 5 - H 3 S 361 on the
WNN. face; dig pits 24 x 24 x 12 ins. crosswise on this
and the succeeding course 7 ft. dist.; and raise a
mound of earth 4 ft. base, 2 ft. high, WNW. of cor.,
whence:

A pinon, 6 ins. dia., blazed and scribed
5 H 3 S 361 + B T, bears N. 34° 30' W.,
61 lks. dist.

A juniper, 16 ins. dia., blazed and scribed
5 H 3 S 361 + B T, bears N. 27° 53' E.,
Chains 33 lks. dist.

Thence S. 82° 47' W.

Through scattering juniper and walnut over level bottom land.

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

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AREA

Area of listed land — — — — — — — 30.90 acres
Area of unlisted land — — — — — — — 20.32 acres
Total area — — — — — — — — — 51.22 acres

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IMPROVEMENTS

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

A tent cottage 14 x 12 ft., the long side extending E. and W. and the NE. cor. of which bears from cor. No. 4, S. 70° 02' W., 25.91 chs. dist.

Value ———— $75.00

Approximately 1 mile of wire fence.

Value ———— $100.00

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DESCRIPTION

This claim is situated on bottom land along Hit Wash, an intermittent stream which traverses the claim from W. to E.

The bottom land is a rich sandy loam which is sub-irrigated and produces good crops of corn, grain, hay and potatoes.

Approximately 1/4 of the area was under cultivation at the time of survey. The remainder of the bottom land which comprises about 1/2 of the claim, is covered with
Chains

A scattering growth of juniper and walnut. This timber has no commercial value on account of the distance from a market.

Water for stock and domestic purposes is obtained from water holes in Hit Wash.

This is not a mineralized section and I saw no indication of mineral on the claim.

CONFICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

H. M. S. No. 360, C. E. Stewart claimant, lies about 1/2 mile east of this claim.

Simmons, the nearest post office, is approximately 8 miles to the East. Prescott, the nearest railroad and market point, is approximately 31 miles in a southeasterly direction and is reached by good wagon road.

TRAVERESE

Traverse S. C. secs. 25 and 36 to cor. No. 1.

Course         Dist.   N   S   E   W

S. 89° 50' E. 80.23  0.23  80.23

North  151.33 151.33

S. 59° 33' W. 3.27    2.52  2.08

S. 81° 51' W. 4.22    0.60  4.13

N. 70° 16' W. 7.46    2.52  7.02

S. 69° 54' W. 5.00    1.72  4.70

S. 81° 54' W. 30.35   4.28  30.05

S. 89° 00' W. 11.84   0.41  11.63

N. 31° 37' W. 5.93    5.06  3.11

S. 20° 00' E. 14.99   14.09 5.47

S. 82° 47' W. 21.60   2.74  21.36

158.90  26.58  85.36  84.60

26.58  84.60

132.32  0.76
Therefore the S. C. secs. 35 and 36, bears S. 0° 19'
42" W., 132.32 chs. dist.

**TRAVERESE**

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**Total**

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Error in Lat. and Dep. .03
Closing error 1:2352.

Survey completed July 17, 1915.

[Signature]

Surveyor - Draftsman
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Surveyor - ...
TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 361, STATE OF ARIZONA.

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<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
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10019

1683 1683 4181 4181

Closing error 1.2362

Tie to Cor. No. S H E S 352

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<td>5.27</td>
<td>71</td>
<td>5.56</td>
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N. 68° 30' W. | 5.98    | 2.19    | 5.56     |            |            |          |          |

51 22 acres.
APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona, June 10, 1918

The foregoing field notes of Homestead Entry Survey No.

executed by Charles O. Hodson, Surveyor, Draftsman
under his special instructions, dated April 20, 1915, 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. TROTT
U. S. Surveyor General.