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MAY 5 - 1916

MAY 14 1916

AUG 2 1918

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. **353** ✓

SITUATED IN THE **PRESCOTT** ✓ NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. **3** ✓

In Section **18** , ~~un~~ surveyed, Township **18 N.** Range **4 W.** ✓

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA ✓

Applicant for listing **Joseph A. Harris,** ✓

Residence **Simmons, Arizona.** ✓

Application No. **178** ✓ , dated **May 23** , 19 **13** ✓

List No. **3-2718** ✓ , dated **August 7** , 19 **13** ✓

Applicant for survey **Joseph A. Harris,** ✓

Residence **Simmons, Arizona.** ✓

H. E. No. **024670** ✓ , dated **April 25** , 19 **14** ✓

~~Office~~
Land District **Phoenix, Arizona.** ✓

Survey executed by **Charles D. Hodson, Surveyor - Draftsman**
[Forest Service Title.]

Under special instructions dated **April 20** , 19 **15** ✓

Survey commenced **July 27** , 19 **15** ✓

Survey completed **July 28** , 19 **15** ✓

Under Acts of **June 11, 1906 and March 4, 1915** ✓



1.2

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OATH OF ASSISTANTS

We hereby certify that we assisted **Charles D. Hodson,**
Surveyor - Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **353**, 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.

C. L. Baechly, Chainman
R. E. Moister, Chainman

Subscribed and sworn to before me this **28th** day of
July, 19 **15**.

Charles D. Hodson

Surveyor - Draftsman

OATH OF SURVEYOR

I, **Charles D. Hodson,** **Surveyor - Draftsman**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions 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. **3-2718**, dated **August 7**, 1913, for
Patent, under the Act of **June 11**, 1906,
the same to be known as Homestead Entry Survey No. **353**,
situated within the **PRESCOTT** National Forest, in
unsurveyed Section 18, Township **18 N.**, Range **4 W.**, and
---surveyed Section ---, Township **---**, Range **---**,

of the **G. and S. R. B. 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.

Charles D. Hodson

Surveyor - Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this **eight** day of
October, 19 **15**.

Elsie C. Myers
Notary Public



8-2349

My Commission expires April 20, 1918.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Joseph A. Harris, Application No. 178, dated May 23, 1913; List No. 3-2718, dated August 7, 1913; H. E. 024670, made in the Phoenix Land Office on April 25, 1914 by Joseph A. Harris.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 20, 1915 and designated as Homestead Entry Survey No. 353.

Situated in what will probably be, when surveyed, sec. 18, T. 18 N., R. 4 W., Gila and Salt River Base and Meridian, Prescott National Forest, Arizona.

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

Survey commenced July 27, 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 27, 1915.

At 7h. 20m. 09s. p.m., at cor. H-9, near what will be cor.

No. 1 of this survey, I observe polaris with telescope direct. The reading on the reference object, a nail in a stump 10.00 chs. from my station, is set at zero.

My watch is set for local mean time. Lat. 34° 57' 55"

N. Long. 112° 43' 38" W. from Special instructions from Surveyor General and later verified.

Horizontal Angle, Left, 37° 43' 30".

Greenwich m.t. U.C. Pol., July 28, 1915, 5h. 10.3m. a.m.

Correction for Long., 1.3m.

1.m.t. U.C. Pol., July 28, 1915, 5h. 09.0m.

12h. - 7h. 20m. 09s. = 4h. 39.65m.

Hour Angle and Time Argument, 9h. 48.65m.

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Chains Azimuth of Pol. at obsn., $0^{\circ} 44' 38''$ E.
 $37^{\circ} 43' 30''$
Bearing of reference object, $N. 38^{\circ} 28' 08''$ E.
At 7h. 21m. 12s. p.m., l.m.t., I again observe Polaris
at same station with telescope reversed.
Horizontal Angle, Left, $37^{\circ} 43' 00''$
Greenwich m.t. U.C. Pol., July 28, 1915, 5h. 10.3m. a.m.
Correction for Long., 1.3m.
l.m.t. U.C. Pol., July 28, 1915, 5h. 09m. a.m.
12h. - 7h. 21m. 12s. = 4h. 38.8m.
Hour Angle and Time Argument, $9h. 47.8m.$
Azimuth of Pol. at obsn., $0^{\circ} 44' 55''$ E.
 $37^{\circ} 43' 00''$
Bearing of Reference Object, N. $38^{\circ} 27' 55''$ E.
Mean of two obsns., $N. 38^{\circ} 28' 01''$ E., and from the
corresponding meridian all the courses of this survey
are deflected.

July 27, 1915.

July 28, 1915.

At 7h. 00m. a.m., l.m.t., I set off $34^{\circ} 58'$ N. on the
lat. arc, $19^{\circ} 11'$ N. on the decl. arc, and determine
a meridian with the solar. My line of sight falls 0°
 $00' 30''$ to the right of the azimuth determined by obsn.
on Pol.

RETRACEMENT

At 7h. 30m. a.m., l.m.t., I set off $34^{\circ} 58'$ N. on the
lat. arc, $19^{\circ} 10\text{-}1/2'$ N. on the decl. arc and determine
a meridian with the solar at the $1/4$ cor. bet. secs.
13 and 18, T. 18 N., Rs. 4 and 5. W., which is a
granite stone $8 \times 8 \times 4$ ins. above ground, marked and
witnessed as described by the Surveyor General.
Thence North
On a random line bet. secs. 13 and 18.

40.00 After careful and diligent search I am unable to find

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STATE OF ARIZONA

Chains 80.00 any trace of the cor. to secs. 7, 12, 13 and 18.

After careful and diligent search I am unable to find any trace of the 1/4 sec. cor. bet. secs. 7 and 12.

118.93 Fall 7 lks. W. of the cor. to secs. 1, 6, 7 and 12, a lime-coated malpais stone 10 x 6 x 6 ins. above ground, marked and witnessed as described by the Surveyor

General, whence:

A pinon tree, 8 ins. dia., bears N. 59° 30' E., 175 lks. dist. I mark this tree T 18 N

R 4 W S 6 B T.

A pinon tree, 10 ins. dia., bears S. 76° 08' E.,

79 lks. dist. I mark this tree T 18 N

R 4 W S 7 B T.

Thence S. 0° 02' W.

On true line bet. secs. 7 and 12.

39.63 1/2 The 1/4 sec. cor. bet. secs. 7 and 12. Set a granite stone 18 x 10 x 10 ins., 12 ins. in the ground over

a small stone marked with a cross. I chisel 1/4 S

on the W. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor. No suitable bearings

available, pits impracticable.

79.29 The cor. to secs. 7, 12, 13 and 18. Set a granite

stone 30 x 12 x 10 ins., 20 ins. in the ground, over a

small stone marked with a cross. I chisel 4 grooves

on S. face and 2 grooves on N. face, and raise a mound

of stone 3 ft. base, 2 ft. high, W. of cor., whence:

A juniper, 10 ins. dia., blazed and scribed

T 18 N R 4 W S 7 B T, bears N. 4° 41' E.,

90 lks. dist.

A pinon, 12 ins. dia., blazed and scribed

T 18 N R 4 W S 18 B T, bears S. 83° 40' E.,

114 lks. dist.

Chains 31.50 A juniper, 12 ins. dia., blazed and scribed
 T 18 N R 5 W S 13 B T, bears S. 43° 33' W.,
 13 lks. dist.
 31.50 A pinon, 10 ins. dia., blazed and scribed
 T 18 N R 5 W S 12 B T, bears N. 25° 22' W.,
 87 lks. dist.

118.93 The 1/4 sec. cor. bet. secs. 13 and 18, heretofore
 described.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1.
 Set a malpais stone 24 x 10 x 8 ins., 14 ins. in the
 ground, over a small stone marked with a cross. I
 chisel a cross at the point and 1 - H E S 353 on the
 SE. face; dig pits 24 x 24 x 12 ins. crosswise on line
 S. and ENE. 7 ft. dist.; and raise a mound of stone
 covered with earth 5 ft. base, 2-1/2 ft. high SE. of

The cor. to secs. 7, 12, 13 and 18, previously
 described, bears N. 14° 11' W., 10.94 chs. dist.
 by direct measurement.

Fence, 5 lks. W. of cor., bears N. 9° 41' E.

and S. 9° 41' W.
 Cor. H-9 of the list survey, a malpais stone
 10 x 8 x 8 ins. above ground, marked and
 witnessed as described by the Forest Ser-
 vice, bears N. 9° 41' E., 4.80 chs. dist.

I destroy all trace of this list cor.

Lat. 34° 57' 55" N., Long. 112° 43' 38" W., obtained

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

Mag. decl. at 12h. QOm. l.m.t., 14° 50' E. Mean mag.

Mag. decl. 14° 52.8' E.

At 12h., noon apparent time, I set off 19° 07-1/2' N.

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Chains on the decl. arc and observe the sun on the meridian.
 Resultant lat. is 34° 58' N.

Thence N. 73° 24' E.
 Over open land with gentle S. slope.

7.15 Wash, 20 lks. wide, 4 ft. deep, course SE.

8.60 Irrigation ditch, 4 lks. wide, 1 ft. deep, course NE.

9.70 Fence, bears N. and S.

13.26 To cor. No. 2.

Identical with cor. H-8. of the list survey, a granite boulder 24 x 20 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 limestone 26 x 10 x 6 ins., 16 ins. in the ground, over a small stone marked with a cross. In chisel a cross at the point, and 2. H E S 353 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., whence:

A juniper, 12 ins. dia., blazed and scribed
 2 H E S 353 + B T, bears N. 10° 02' E.,
 78 lks. dist.

A juniper, 10 ins. dia., blazed and scribed
 2 H E S 353 + B T, bears S. 75° 38' E.,
 82 lks. dist.

Thence S. 30° 02' E.
 Desc. 10 ft. over SSW. slope.

4.40 Left bank Walnut Creek, 2 ft. high, course SE.

6.40 Right bank Walnut Creek, 2 ft. high, course SE.

14.87 To cor. No. 3.

Identical with cor. H-7. of the list survey, a malpais stone 10 x 10 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

Chains
 malpais stone 24 x 18 x 12 ins., 14 ins. in the ground,
 over a small stone marked with a cross. I chisel a
 cross, at the point, and 3 - H E S 353 on the S. face;
 dig pits 24 x 24 x 12 ins. crosswise on this and the
 succeeding course, 3-1/2 ft. dist.; and raise a mound
 of earth 4 ft. base, 2 ft. high, S. of cor., whence:
 A juniper, 12 ins. dia., blazed and scribed
 3 H E S 353 + B T, bears N. 85° 30' W.,
 13 lks. dist.
 A juniper, 6 ins. dia., blazed and scribed
 3 H E S 353 + B T, bears S. 70° 00' E.,
 29 lks. dist.
 Thence N. 55° 32' E.,
 0.80 Right bank Walnut Creek, 1 ft. high, course SE.
 1.80 Left bank Walnut Creek, 1 ft. high, course SE.
 Asc. 25 ft.
 2.50 Irrigation ditch, 4 lks. wide, left. deep, course SE.
 2.90 Road, bears N. and SE., top of asc., thence over
 flat topped ridge.
 6.40 Edge of ridge, bears N. and S., desc. 15 ft. over
 E. slope.
 12.10 Feet of desc.; thence along foot of SE. slope at edge
 of cultivated field.
 17.70 Wash, 15 lks. wide, 2 ft. deep, course S.
 19.15 Fence cor., fences bear SW. and S.
 19.22 To cor. No. 4.
 Identical with cor. H-6 of the list survey, a limestone
 12 x 10 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 10 x 10 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 353 on the SSW. face; and

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Chains raise a mound of stone 2 ft. base, 1-1/2 ft. high,
 SSW. of cor., whence:
 A juniper, 16 ins. dia., blazed and scribed
 4 H E S 353 + B T, bears N. 17° 45' E.,
 71 lks. dist.
 A juniper, 8 ins. dia., blazed and scribed
 4 H E S 353 + B T, bears N. 71° 22' W.,
 131 lks. dist.

Thence S. 5° 27' W.
 Desc. 15 ft. over S. slope. Fence along line inside
 claim.
 5.00 Foot of desc., wash 20 lks. wide, 2 ft. deep, course E.
 Right bank Walnut Creek is 30 lks. left, thence
 parallel to creek bank.
 10.74 To cor. No. 5, at cor. fence. Fence bears N. and SSE.
 along claim lines.
 Identical with cor. H-5 of the list survey, a malpais
 stone 10 x 4 x 12 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 mal-
 pais stone 24 x 8 x 8 ins., 14 ins. in the ground, over
 a small stone marked with a cross. I chisel a cross
 at the point and 5 - H E S 353 on the W. face; and raise
 a mound of stone 3 ft. base, 2 ft. high, W. of cor.,
 whence:
 A juniper, 16 ins. dia., blazed and scribed
 5 H E S 353 + B T, bears N. 18° 39' E.,
 18 lks. dist.
 A juniper, 8 ins. dia., blazed and scribed
 5 H E S 353 + B T, bears S. 18° 45' W.,
 201 lks. dist.

Chains	<p>Thence S. 31° 26' W.</p> <p>Along edge of level cultivated land. Fence on line.</p> <p>7.43 To cor. No. 6 at cor. of fence. Fence NNE. and West along line.</p> <p>Identical with cor. H-4 of the list survey, a granite stone 10 x 4 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 24 x 8 x 8 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 353 on the NNW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NNW. of cor., whence:</p> <p style="padding-left: 40px;">A juniper, 5 ins. dia., blazed and scribed 6 H E S 353 + B T, bears S. 79° 37' W., 209 lks. dist.</p> <p style="padding-left: 40px;">A juniper, 4 ins. dia., blazed and scribed 6 H E S 353 + B T, bears S. 65° 05' E., 70 lks. dist.</p>
5.50	<p>Thence N. 89° 59' W.</p> <p>Along S. edge of cultivated field. Fence on line.</p> <p>Left bank Walnut Creek, bank 1 ft. high, course SE.</p>
7.00	<p>Right bank Walnut Creek, 1 ft. high, course SE.</p> <p>Thence over level land.</p>
12.01	<p>To cor. No. 7 at cor. of fence. Fence bears E. along line and NW.</p> <p>Identical with cor. H-3 of the list survey, a malpais stone 10 x 6 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 malpais stone 26 x 12 x 6 ins., 16 ins. in the ground, over a small stone marked with a cross. I chisel a</p>

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Chains	<p>cross at the point and 7 - H E S 353 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence: A juniper, 12 ins. dia., blazed and scribed 7 H E S 353 + B T, bears N. 49° 07' W., 150 lks. dist. A juniper, 18 ins. dia., blazed and scribed 7 H E S 353 + B T, bears S. 62° 41' W., 70 lks. dist.</p>
10.39	<p>Thence N. 38° 40' W. Asc. 15 ft. at foot of NE. slope. To cor. No. 8. Set a malpais stone 24 x 12 x 10 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 8 - H E S 353 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., whence: A juniper, 16 ins. dia., blazed and scribed 8 H E S 353 + B T, bears S. 77° 08' W., 167 lks. dist.</p>
3.00	<p>A juniper, 8 ins. dia., blazed and scribed 8 H E S 353 + B T, bears S. 5° 25' W., 106 lks. dist. Thence S. 62° 54' W. Asc. 20 ft. over NE. slope. Cor. fence. Fence bears SE. and SW. along line. Also cor. H-2 of the list survey, a malpais stone 8 x 4 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Desc. 25 ft. over W. slope of ridge.</p>

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Chains

- 3.60 Irrigation ditch, 5 lks. wide, 1 ft. deep, course N.
- 3.65 Right bank Walnut Creek, bank 1 ft. high, course N.
- 5.10 Left bank Walnut Creek, course N. and proceed over level land parallel to bank of creek, and along fence.
- 16.99 To cor. No. 9 at cor. of fence. Fence bears NE. and NNE. along lines.
- Identical with cor. H-1 of the list survey, a cross chiseled on a malpais boulder in place showing 6 x 4 x 1 ft. above ground, marked and witnessed as described by the Forest Service. I destroy the marks on stone and witnesses pertaining to the list cor. and chisel + 9 H E S 353 on top of same stone; and raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor., whence:
- A juniper, 24 ins. dia., blazed and scribed 9 H E S 353 + B T, bears S. 9° 50' E., 307 lks. dist.
- A juniper, 6 ins. dia., blazed and scribed 9 H E S 353 + B T, bears S. 16° 04' E., 303 lks. dist.
-
- Thence N. 9° 41' E.
- Along fence.
- 0.20 Road, bears ENE. and WSW.
- 0.40 Irrigation ditch, 8 lks. wide, 1 ft. deep, course N. 70° E.
- 5.00 Asc. 20 ft. over SE. slope of ridge.
- 6.20 Irrigation ditch, 5 lks. wide, 1 ft. deep, course NE.
- 8.00 Top of ridge, and desc. 15 ft. over N. slope.
- 12.00 Foot of slope. Thence over level ground.
- 13.80 Fence cor., fences bear N. and S. along line and E.
- 15.06 To cor. No. 1, and place of beginning.

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Chains

Total Area ----- 39.96 acres

IMPROVEMENTS

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

A stone house 30 x 16 ft., the long side bearing N. and S. and the NW. cor. of which bears from cor. No. 3 N. 84° 46' E., 3.50 chs. dist.

Value ----- \$300.00

Approximately 1-1/2 miles of irrigation ditch.

Value ----- \$150.00

Approximately 1-1/2 miles of wire fence.

Value ----- \$225.00

DESCRIPTION

This claim is situated in the bottom of the canyon formed by Walnut Creek. The soil is a rich sandy loam and produces good crops of corn, alfalfa, beans and potatoes.

Water for domestic purposes is obtained from a spring 1/4 mile W. of cor. No. 9.

Water for irrigation and stock purposes is obtained from the creek.

There is a small fringe of juniper timber included on lines 3-4 and 8-9. This timber has no commercial value.

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

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H. E. No. 026808, Charles L. Alvis, H. E. S. No. 354 unsurveyed, lies approximately 1/2 mile NE. of this claim. Simmons, the nearest post office, is approximately 18 miles in a Southeasterly direction and is reached by fair wagon road. Prescott, the nearest railroad and market point, is approximately 45 miles in a Southeasterly direction and is reached by 18 miles of fair wagon and 27 miles of good automobile road.

Any discrepancy between these field notes and those of the listing survey is due to error in the latter.

TRAVERSE

Course	Dist.	N	S	E	W
N. 73° 24' E.	13.26	3.79		12.71	
S. 30° 02' E.	14.87		12.87	7.44	
N. 55° 32' E.	19.22	10.88		15.85	
S. 5° 27' W.	10.74		10.69		1.02
S. 31° 26' W.	7.43		6.34		3.87
N. 89° 59' W.	12.01	0.00			12.01
N. 38° 40' W.	10.39	8.11			6.49
S. 62° 54' W.	16.99		7.74		15.12
N. 9° 41' E.	15.06	14.84		2.53	
	119.97	37.62	37.64	38.53	38.51
			37.62	38.51	

Error in Lat. and Dep. 0.02

Closing error 1:4241.

Survey completed July 28, 1915.

Charles D. Hodson

Surveyor - Draftsman

APPROVAL

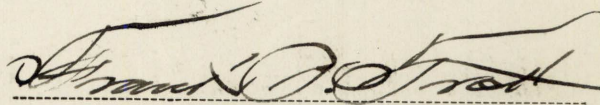
Office of the United States Surveyor General,

Phoenix, Arizona, April 30, 1918

The foregoing field notes of Homestead Entry Survey No.

353

executed by Charles D. Hodson, Surveyor-Draftsman
[Forest Service Title.]
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.