

ORIGINAL

137

OCT 29 1918

**U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE**

APR 0 1919

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. **397**

SITUATED IN THE **COCONINO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. **3**

In Section **33** , - surveyed, Township **18 N.** , Range **7 E.**

In Section **34** , - surveyed, Township **18 N.** , Range **7 E.**

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing **R. P. Mason,**

Residence **Flagstaff, Arizona.**

Application No. **334** , dated **April 29** , 19 **12**

List No. **3-2101** , dated **October 4** , 19 **12**

Applicant for survey **Richard P. Mason,**

Residence **Flagstaff, Arizona.**

H. E. No. **023972** , dated **December 17** , 19 **15**

Office
Land District **Phoenix, Arizona.**

Survey executed by **R. P. A. Johnson**

Surveyor - Draftsman
[Forest Service Title.]

Under special instructions dated **August 7** , 19 **15**

Survey commenced **May 6** , 19 **18**

Survey completed **May 7** , 19 **18**

Under Acts of **June 11, 1906 and March 4, 1917**

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OATH OF ASSISTANTS

We hereby certify that we assisted

R. P. A. Johnson
Surveyor Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **397**, 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.

Charles Robinson
Chainman

Hewey Edwards
Chainman

Subscribed and sworn to before me this *thirteenth* day of *May*, 19*18*.

R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

OATH OF SURVEYOR

I, **R. P. A. Johnson,**

Surveyor - Draftsman
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for **ARIZONA**, dated **August 7**, 19 **15**, 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 3-2101 dated October 4, 1912, and a tract of land upon the application of **R. P. Mason,**

Application, No. **334**, dated **April 29**, 19 **12**, for Listing and **PATENT**, under the Act of **June 11**, 1906, the same to be known as Homestead Entry Survey No. **397**, situated within the **COCONINO** National Forest, in - surveyed Section **33**, Township **18 N**, Range **7 E**, and - surveyed Section **34**, Township **18 N**, Range **7 E**,

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 survey.

R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this **twenty-eighth** day of **May**, 19**18**.

Echel M. Gutchall
Notary Public



8-2349

My Commission expires Mar. 17 1921

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Chains Applicant for listing, R. P. Mason; Application No. 334, dated April 29, 1912; List No. 3-2101 dated October 4, 1912; H. E. 023972, made in the Phoenix Land Office on December 17, 1913 by Richard P. Mason. Also a small area of adjoining unlisted land was included in this survey in order to eliminate unnecessary corners and to simplify the claim boundaries. This is therefore a composite survey.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 7, 1915 and designated as Home stead Entry Survey No. 397.

Situated in Sec. 33, and 34, T. 18 N., R. 7 E., Gila and Salt River Base and Meridian, within the Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1917.

Survey commenced May 6, 1918 and executed with a Buff and Buff transit.

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

All measurements were made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer. Horizontal distances only appear in these notes.

May 6, 1918.

I observe Polaris for azimuth at Cor. No. 1, hereinafter described. The reading on the reference object east of star is set at zero.

Latitude 34° 53' 50" N., Longitude 111° 39' 53" W., from

Forest Service Base Map.

Telescope	Time	Horizontal Angle
Direct	6h.12m.30s.	1° 13' 30"
Reverse	6h.14m.35s.	1° 13' 00"
Mean	6h.13m.32s.	1° 13' 15"

Chains U.C. Pol. May 6, a.m. 10h. 35.0m.
1.m.t. obsn. Pol. May 6,
p.m. 6h. 13.5m.
Hour angle Pol. at obsn. 7h. 38.5m.
Azimuth Pol. at obsn. $1^{\circ} 14' 54''$
Bearing of reference object N. $0^{\circ} 01' 39''$ W.

May 6, 1918.

I again observe Polaris at same station. The reading on reference object east of star is set at zero.

Telescope	Time	Horizontal Angle
Direct	6h. 17m. 10s.	$1^{\circ} 12' 30''$
Reversed	6h. 18m. 45s.	$1^{\circ} 12' 00''$
Mean	6h. 17m. 52s.	$1^{\circ} 12' 15''$

U. C. Polaris, May 6, a.m. 10 h. 35.0 m.
1.m.t. obsn. Polaris, May 6, p.m. 6 h. 17.9 m.
Hour angle Pol. at obsn. 7 h. 42.9 m.
Azimuth Pol. at obsn. $1^{\circ} 13' 54''$
Bearing of reference object N. $0^{\circ} 01' 39''$ W.

The mean of the two observations is N. $0^{\circ} 01' 39''$ W.

RETRACEMENT

May 6, 1918.

At 7h. 30m. a.m., 1.m.t., I set off $34^{\circ} 54'$ on latitude arc, $16^{\circ} 26'$ N. on decl. arc, and determine a meridian with the solar at the 1/4 cor. bet secs. 33 and 34, T. 18 N., R. 7 E., a malpais stone 10 x 8 x 2 ins. above ground, marked and witnessed as described by the Surveyor General. The meridian thus determined differs $0^{\circ} 01' 39''$ from the meridian determined by Polaris obsn.

Thence North. (Record course N. $0^{\circ} 12'$ W.)

On a random line bet secs. 33 and 34 N/2.

40.27 Fall 74 lks. E. of cor. for secs. 27, 28, 33 and 34, which is a + in a malpais boulder in place, 4 x 4 x 2 ft. above ground, marked and witnessed as described by the Surveyor General.

Return course S. $1^{\circ} 03'$ E., 40.29 chs.

Return to 1/4 cor. bet Secs. 33 and 34 previously described.

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Chains	Thence South. (Record course S. $0^{\circ} 12' E.$) On a random line bet. secs. 33 and 34 S/2.
41.43	Fall 81 lks. to East of cor. to secs. 3, 4, 33 and 34, Ts. 17 and 18 N., R. 7 E., a malpais stone 12 x 10 x 6 ins. above ground, marked and witnessed as described by the Surveyor General. Return course N. $1^{\circ} 07' E.$, 41.44 chs.
	Returning to Cor. Secs. 27, 28, 33 and 34. Thence East. (Record course S. $86^{\circ} 37' E.$) On a random line bet. secs. 27 and 34 W/2.
40.16	Fall 199 lks. N. of $1/4$ sec. cor. bet. secs. 27 and 34, which is a malpais stone 8 x 4 x 14 ins. above ground, marked and witnessed as described by the Surveyor General. True line is S. $87^{\circ} 10' E.$, 40.21 chs.
	Thence East. (Record course S. $86^{\circ} 37' E.$) On a random line bet. secs. 27 and 34, E/2.
39.27	Fall 387 lks. N. of cor. for secs. 26, 27, 34 and 35, which is a malpais stone 8 x 6 x 2 ins. marked and witnessed as described by the Surveyor General. I restore cor. as follows: Deposit a lava stone 4 x 4 x 2 ins. marked with a + 18 ins. in the ground, over which set a lava stone 20 x 8 x 8 ins., marked with one notch on S. and two on E. edges; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor. True line is S. $84^{\circ} 22' E.$, 39.46 chs.
	At 3h. 5m. p.m., l.m.t., I set off $34^{\circ} 54' 1/2'$ on lat. arc, $16^{\circ} 31' N.$ on decl. arc and determine a meridian with the solar at above cor. Thence South. (Record course S. $0^{\circ} 12' E.$) On a random line bet. secs. 34 and 35, N/2.

Chains

40.60 Fall 40 lks. W. of 1/4 sec. cor. bet. secs. 34 and 35, which is a malpais boulder in place 2 x 2 x 1 ft. above ground, (Field notes from Surveyor General record malpais rock 12 x 10 x 8 ins./in ground), marked and witnessed as described by the Surveyor General.
True line is S. 0° 34' E., 40.60 chs.

Thence South. (Record course S. 0° 21' E.)

On a random line bet. secs. 34 and 35, S/2.

40.33 Fall 31 lks. W. of cor. for secs. 2, 3, 34 and 35, which is a malpais stone 8 x 5 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.
True line is S. 0° 27' E., 40.33 chs.

May 7, 1918.

At 8h. 20m. a.m., l.m.t., I set off 34° 53 1/2' on lat. arc, 16° 43' N. on decl. arc and determine a meridian with the solar at cor. for secs. 2, 3, 34 and 35.

Thence West. (Record course N. 86° 22' W.)

On a random line bet. secs. 3 and 34.

40.12 Fall 236 lks. S. of 1/4 sec. cor. bet. secs. 3 and 34, which is a malpais stone 6 x 4 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.
True line is N. 86° 38' W., 40.19 chs.

Thence West. (Record course N. 86° 22' W.)

On a random line bet. secs. 3 and 34.

40.13 Fall 289 lks. S. of cor. to secs. 3, 4, 33 and 34, heretofore described.
True line is N. 85° 53' W., 40.23 chs.

Thence N. 86° 22' W. (Record course)

Retracing line bet. secs. 4 and 33.

40.00 1/4 sec. cor. bet. secs. 4 and 33 is not found after a careful search. Point for cor. falls in fenced field,

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Chains from which surface rock has been cleared for purpose
of cultivation.

80.12 Fall 44 lks. to S. 3° 38' W. of cor. for secs. 4, 5, 32
and 33, which is a malpais stone 8 x 8 x 8 ins. above
ground, marked and witnessed as described by the Sur-
veyor General.

Return course S. 86° 03' E. 80.12 chs.

At 3h. 30m. p.m., l.m.t., I set off 34° 53 1/2' on lat.
arc, 16° 48' N. on decl. arc and determine a meridian
with the solar at cor. for secs. 4, 5, 32 and 33.

Thence North. (Record course N. 0° 21' W.)

On a random line bet. secs. 32 and 33.

40.29 Fall 7 lks. W. of 1/4 sec. cor. bet. secs. 32 and 33,
which is a malpais stone 8 x 5 x 16 ins. above ground,
marked 1/4 on W. face with mound of stone 3 ft. base,
2 ft. high W. of cor., whence:

A yellow pine 14 ins. dia., bears S. 18° 35' W.,
31 lks. dist., scribed 1/4 S B T (Old bearing
tree and now down. No evidence found of other
bearing tree called for in field notes from
Surveyor General.)

A yellow pine 8 ins. dia., bears N. 69° 06' E.,
27 lks. dist., scribed 1/4 S 33 B T (New B. T.)

A yellow pine 28 ins. dia., bears S. 38° 47' W.,
82 lks. dist., scribed 1/4 S 32 B T. (New B.T.)

True line is S. 0° 06' W., 40.29 chs.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1 and Closing Corner on line bet.
secs. 33 and 34.

Set a malpais stone 24 x 10 x 8 ins., 14 ins. in the
ground, over a small stone marked with a cross. I

Chains

chisel a cross at the point, 1 H E S 397 on SW. face and C C on the NW. face; and raise a mound of stone 2 ft. base, 1 1/2 ft. high on closing line NW. of cor., whence:

A pine, 24 ins. dia., blazed and scribed 1 H E S 397 + B T, bears S. 18° 27' W., 9 lks. dist.

A pine 30 ins. dia., blazed and scribed 1 H E S 397 + B T., bears S. 45° 38' E., 30 lks. dist.

1/4 sec. cor. bet. secs. 33 and 34, previously described, bears N. 1° 07' E., 8.64 chs. dist.

Cor. secs. 3, 4, 33 and 34, previously described, bears S. 1° 07' W., 32.80 chs. dist.

Lat. 34° 53' 50" N., Long. 111° 39' 53" W., from Forest Service Base Map.

Mag. decl. at 8:00 a.m., 14° 30' E., mean Mag. decl. 14° 27' E.

Thence S. 37° 50' E. Over unlisted land.

Over level land at edge of pine timber.

9.58 To cor. No. 2, at cor. of fence. Fence bears NW. and SW. along line.

Identical with cor. H-8 of the list survey, a malpais stone 14 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 24 x 10 x 6 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 397 on the W. face; and raise a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor., whence:

A pine, 36 ins. dia., blazed and scribed.

Chains

2 H E S 397 + B T, bears N. 69° 06' E.,
78 lks. dist.

An oak, 12 ins. dia., blazed and scribed

2 H E S 397 + B T, bears S. 14° 43' E.,
64 lks. dist.

Cor. H-7 of the list survey, a malpais stone
8 x 6 x 6 ins. above ground, marked and wit-
nessed as described by the Forest Service,
bears N. 46° 38' W., 4.75 chs. dist. I
destroy all trace of this list cor.

Thence S. 48° 02' W. Leave unlisted and enter listed
land.

Through scrub oak at edge of pine timber.

Fence on line.

8.25

To cor. No. 3 and C. C. on line bet. secs. 33 and 34.

At cor. fence; fence bears NE. along line and NW.

Identical with cor. H-1 of the list survey, a malpais
stone 8 x 6 x 4 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
malpais stone 24 x 10 x 6 ins., 14 ins. in the
ground, over a small stone marked with a cross.

I chisel a cross at the point, 3 - H E S 397 on the
N. Face and CC on NE. face; and raise a mound of
stone, 2 ft. base, 1-1/2 ft. high on the closing
line NE. of cor., whence:

A pine, 20 ins. dia., blazed and scribed

3 H E S 397 + B T, bears S. 70° 33' W.,

3 lks. dist.

An oak, 16 ins. dia., blazed and scribed

3 H E S 397 + B T, bears S. 53° 44' E.,

60 lks. dist.

Cor. 0 secs. 3, 4, 33 and 34, previously de-

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8.

Chains

scribed, bears S. 1° 07' W., 19.72 chs. dist.
Cor. No. 1, previously described, bears N. 1°
07' E., 13.08 chs. dist.
1/4 sec. cor. bet. secs. 33 and 34, previously
described, bears N. 1° 07' E., 21.72 chs. dist.

Thence N. 45° 05' W. Leave listed and enter unlisted land
Along edge of timber.

16.58

To cor. No. 4, at cor. fence. Fence bears SE. and NW.
along line.

Identical with cor. H-3 of the list survey, a mal-
pais stone 10 x 6 x 6 ins. above ground, marked and
witnessed as described by the Forest Service. I de-
stroy all trace of the list cor. and at this point
set a malpais stone 22 x 16 x 10 ins., 12 ins. in
the ground over a small stone marked with a cross.
I chisel a cross at the point and 4 - H E S 397 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
4 H E S 397 + B T, bears S. 70° 41' W.,
30 lks. dist.

A pine, 32 ins. dia., blazed and scribed
4 - H E S 397 + B T, bears S. 52° 02' E.,
81 lks. dist.

Cor. H-2 of the list survey, a malpais stone
6 x 6 x 4 ins. above ground, marked and wit-
nessed as described by the Forest Service,
bears S. 52° 28' E., 5.68 chs. dist. I de-
stroy all trace of this list cor.

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

Thence N. 70° 06' W. Leave unlisted and enter

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scribed, bears S. 1° 07' W., 19.72 chs. dist.

Cor. No. 1, previously described, bears N. 1°
07' E., 13.08 chs. dist.1/4 sec. cor. bet. secs. 33 and 34, previously
described, bears N. 1° 07' E., 21.72 chs. dist.

Thence N. 45° 05' W. Leave listed and enter unlisted land.

Along edge of timber.

16.58 To cor. No. 4, at cor. fence. Fence bears SE. and NW.
along line.

Identical with cor. H-3 of the list survey, a malpais stone 10 x 6 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 22 x 16 x 10 ins., 12 ins. in the ground over a small stone marked with a cross. I chisel a cross at the point and 4 - H E S 397 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
4 H E S 397 + B T, bears S. 70° 41' W.,
30 lks. dist.

A pine, 32 ins. dia., blazed and scribed
4 - H E S 397 + B T, bears S. 52° 02' E.,
81 lks. dist.

Cor. H-2 of the list survey, a malpais stone
6 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 52° 28' E., 5.68 chs. dist. I destroy all trace of this list cor.

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

Thence N. 70° 06' W. Leave unlisted and enter listed land.

Chains

2 H E S 397 + B T, bears N. 69° 06' E.,

78 lks. dist.

An oak, 12 ins. dia., blazed and scribed

2 H E S 397 + B T, bears S. 14° 43' E.,

64 lks. dist.

Cor. H-7 of the list survey, a malpais stone

8 x 6 x 6 ins. above ground, marked and wit-

nessed as described by the Forest Service,

bears N. 46° 38' W., 4.75 chs. dist. I

destroy all trace of this list cor.

Thence S. 48° 02' W. Leave unlisted and enter listed land.

Through scrub oak at edge of pine timber.

Fence on line.

8.25

To cor. No. 3 and C. C. on line bet. secs. 33 and 34.

At cor. fence; fence bears NE. along line and NW.

Identical with cor. H-1 of the list survey, a malpais

stone 8 x 6 x 4 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

malpais stone 24 x 10 x 6 ins., 14 ins. in the

ground, over a small stone marked with a cross.

I chisel a cross at the point, 3 - H E S 397 on the

N. Face and CC on NE. face; and raise a mound of

stone, 2 ft. base, 1-1/2 ft. high on the closing

line NE. of cor., whence:

A pine, 20 ins. dia., blazed and scribed

3 H E S 397 + B T, bears S. 70° 33' W.,

3 lks. dist.

An oak, 16 ins. dia., blazed and scribed

3 H E S 397 + B T, bears S. 53° 44' E.,

60 lks. dist.

Cor. to secs. 3, 4, 33 and 34, previously de-

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Chains

On gentle N. slope between timber and cultivated land.
Fence on line.

5.09

To cor. No. 5, at cor of fence. Fence bears SE. and
NNE. along lines.

Identical with cor. H-4 of the list survey, a malpais
stone 8 x 4 x 8 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
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 5- H E S 397 on the ENE. face;
and raise a mound of stone 2 ft. base, 1-1/2 ft. high

ENE. of cor., whence:

A pine, 16 ins. dia., blazed and scribed
5 H E S 397 + B T, bears S. 45° 48' W.,
40 lks. dist.

A pine, 28 ins. dia., blazed and scribed
5 H E S 397 + B T, bears S. 29° 53' E.,
84 lks. dist.

Thence N. 11° 06' E.

Desc. 5 ft. Fence on line.

1.60

Fence cor., fences bear S. along line and E.

1.70

Road, bears E. and W.

Asc. 5 ft.

2.40

SW. cor. barn 30 x 30 ft.

2.97

To cor. No. 6. At cor. of fence; fence bears S. and
easterly along line.

Identical with cor. H-5 of the list survey, a malpais
stone 10 x 5 x 5 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
malpais stone 24 x 8 x 8 ins., 14 ins. in the ground,
over a small stone marked with a cross. I chisel a

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Chains

cross at the point and 6 - H E S 397 on the SE. face;
and raise a mound of stone, 2 ft. base, 1-1/2 ft. high,
SE. of cor., whence:

A pine, 36 ins. dia., blazed and scribed
6 H E S 397 + B T, bears N. 59° 21' E.,
94 lks. dist.

A pine, 42 ins. dia., blazed and scribed
6 H E S 397 + B T, bears N. 59° 49' W.,
51 lks. dist.

Forest Service telephone line crosses cor.,
bearing N. 73° 30' E. and S. 73° 30' W.

Thence N. 87° 29' E.

Over gentle S. slope. Fence on line.

4.00 Fence cor., fences bear W. along line and SW.

4.40 Road, bears NE. and SW.

5.00 Fence cor., fences bear SW. and east along line.

13.22 To cor. No. 7. At cor. of fence; fence bears West
along line and SE.

Identical with cor. H-6 of the list survey, a malpais
stone 8 x 6 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
malpais stone 24 x 8 x 5 ins., 14 ins. in the ground,
over a small stone marked with a cross. I chisel
a cross at the point and 7 - H E S 397 on the SW.
face; and raise a mound of stone 2 ft. base, 1-1/2
ft. high SW. of cor., whence:

A yellow pine, 32 ins. dia., blazed and scribed
7 H E S 397 + B T, bears N. 68° 26' E., 289
lks. dist.

A yellow pine, 32 ins. dia., blazed and scribed
7 H E S 397 + B T, bears N. 51° 54' W., 108

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Chains

lks. dist.

time

Chains

Thence S. 37° 50' E. Leave listed and enter unlisted land.

Along edge of timber.

4.87

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

AREA

Area in Sec. 33 - - - - - 14.26 acres

Area in Sec. 34 - - - - - 3.94 acres

Unlisted Area - - - - - 1.06 Acres

Listed Area - - - - - 17.14 acres

Total Area - - - - - 18.20 acres

IMPROVEMENTS

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

A shake barn, 30 x 30 ft., the sides extending in cardinal directions and the NW. cor. of which bears from cor. No. 6, S. 11° 10' W., 15 lks. dist.

Value - - - - - \$125.00

A frame dwelling 24 x 14 ft., the long side extending E. and W. and the NW. cor. of which bears from cor. No. 6 S. 79° 00' E., 125 lks. dist.

Value - - - - - \$250.00

A well, 4 ft. dia., by 40 ft. deep, the center of which bears from cor. No. 6, S. 52° 06' E., 150 lks. dist.

Value - - - - - \$ 80.00

DESCRIPTION

This claim is situated in a small prong of Clay Park with a gentle NW. drainage, at an elevation of 6500 ft.

The soil is a clay loam with clay subsoil. At the time of survey approximately 75 per cent of the area showed evidence of having been cultivated at one

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Chains time. The well on the claim furnishes water for domestic use. There is no water for irrigation. The timber consists of a scattered stand of yellow pine along boundary lines of claim. This is not a mineralized section and I saw no indication of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no nearby, conflicting or adjoining claims. Flagstaff, Arizona, the nearest post office, railroad and market point is approximately 30 miles in a Northerly direction and is reached by fair wagon road.

TRVERSE Sec. 33

Course	Dist.	N	S	E	W
S. 1°07' W.	13.08		13.08		.25
N. 45°05' W.	16.58	11.71			11.74
N. 70°06' W.	5.09	1.73			4.79
N. 11°06' E.	2.97	2.91		.57	
N. 87°29' E.	13.22	.58		13.21	
S. 37°50' E.	4.87		3.85	2.99	
	55.81	16.93	16.93	16.77	16.78
			16.93		16.77
Error in lat. and dep.		.00			.01

Closing error: 1:5581

TRVERSE Sec. 34

Course	Dist.	N	S	E	W
S. 37°50' E.	9.58		7.57	5.88	
S. 48°02' W.	8.25		5.52		6.13
N. 1°07' E.	13.08	13.08		.25	
	30.91	13.08	13.09	6.13	6.13
			13.08	6.13	
Error in lat. & dep.		.01		.00	

Closing error 1:3091

Survey completed May 7, 1918.

R. L. Johnson
Surveyor Draftsman

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

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The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 397, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-3	S. 1°07' W	13.08		Section 33, T. 18 N., R. 7 E.	25✓	33	29✓		435 43✓
3-4	N. 45°05' W	16.58	11 71✓		73	21	31✓	249 54✓	
4-5	N. 70°06' W	5.09	1 73✓		4	79✓		8 29✓	
5-6	N. 11°06' E	2.27	2 21✓		57✓		57✓	1 66✓	
6-7	N. 87°22' E	13.22	58✓		13	21✓	14	35✓	8 32✓
7-1	S. 37°50' E	4.87		3 85✓	2	99✓	30	55✓	117 62✓
		55.81	16 93	16 93	16 77			267 81	553 05
	Closing Error 1:5581								267 81
				Section 34					20 / 285 24
1-2	S. 37°50' E	9.58		7 57✓	5 88✓		6 38✓		48 30✓
2-3	S. 48°02' W.	8.25		5 52✓			6 13✓		33 84✓
3-1	N. 1°07' E	13.08	13 08✓		6 25✓		25✓	3 27✓	
		30.91	13 08	13 09	6 13			3 27	82 14
	Closing Error 1:3091								3 27
									20 / 78 87
									3 94
									14.26
									14.26

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 397, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
			T. 18 N., R. 7 E. Section 33.						
	S. 1° 03' E.	40.29		40 28	74				
	S. 1° 07' W.	41.44		41 43					
	N. 86° 03' W.	80.12	5 52						
	N. 0° 06' E.	40.29	40 29		07				
	N. 0° 21' W.	40.00	40 00						
	S. 86° 34' E.	80.08		4 80	79 94				
		322.22	85.81	86 51	80 75				
			85 81		80 75				
	Closing Error	1:437		70					F.P.T.
			Section 34.						
	S. 1° 03' E.	40.29		40 28	74				
	S. 1° 07' W.	41.44		41 43					
	S. 85° 53' E.	40.23		2 89	40 13				81
	S. 86° 38' E.	40.19		2 36	40 12				
	N. 0° 27' W.	40.33	40 33						31
	N. 0° 34' W.	40.60	40 60						40
	N. 84° 22' W.	39.46	3 87						39 27
	N. 87° 10' W.	40.21	1 99						40 16
		322.75	86.79	86 96	80 99				80 95
			86 79		80 95				
	Closing Error	1:1489		17	04				

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 397, STATE OF Arizona

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
74353 66873	S. 48° 02' W.	8.25		5 52		6 13	39 19	213 53	215 94
65926 72560	N. 41° 16' W.	10.98	8 25		7 24	4 50	25 82	48 86	
79200 60942	N. 52° 28' W.	5.68	3 46		4 79	4	4 79	8 33	
94029 34038	N. 70° 06' W.	5.09	1 73				4	1 66	
19202 98129	N. 11° 06' E.	2.97	2 91		57		14 36	8 76	
79904 04291	N. 87° 29' E.	13.22	58		13 21		33 00		271 92
54854 82613	S. 33° 16' E.	9.88	8 26		5 42		41 87	136 08	
72697 68666	S. 46° 38' E.	4.75	3 26		3 45		281 14	623 94	
			16 93	17 04	22 65	22 66		281 14	281 14
			16 93	16 93	22 65	22 65		281 14	281 14
			11	11	01	01		20 17	20 17
			17 08	17 08					

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APPROVAL

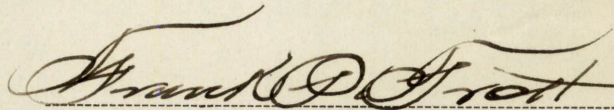
Office of the United States Surveyor General,

Phoenix, Arizona, April 30, 1919

The foregoing field notes of Homestead Entry Survey No.

397

executed by **R. P. A. Johnson, Surveyor-Draftsman** [Forest Service Title.]
under his special instructions, dated **August 7**, 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.