

ORIGINAL

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

OCT.-2 1916
OCT. 24 1918
JUN. 25 1917
OCT. 2 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 381

SITUATED IN THE **COCONINO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 19 , - surveyed, Township 20 N., Range 8 E.,

In Section 30 , -surveyed, Township 20 N., Range 8 E.

of the

Gila and Salt River Base and Meridian.

State of **ARIZONA**

Applicant for listing **J. Edward Priest, Jr.,** ✓

Residence **Flagstaff, Arizona**

Application No. **236** ✓ , dated **March 5** , 19 **11** ✓

List No. **3-2060** ✓ , dated **October 23** , 19 **12** ✓

Applicant for survey **J. Edward Priest, Jr.,** ✓

Residence **Flagstaff, Arizona**

H. E. No. **021780** ✓ , dated **March 19** , 19 **13** ✓

Land District **Phoenix, Arizona**

Survey executed by **R. P. A. Johnson, Surveyor - Draftsman**
[Forest Service Title.]

Under special instructions dated **July 9** , 19 **15** and ✓
amended special instructions dated October 25, **1915.**

Survey commenced **October 21** , 19 **15**

Survey completed **October 26** , 19 **15**

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

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. 381, 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
the oaths to Assistants;
hence, they were taken
by the Surveyor.

E.G. Baecht Chairman
Douglas E. Wooster Chairman

Subscribed and sworn to before me this fifteenth day of
December, 1915.

R.P.A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, R.P.A. Johnson, 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 July 9, 1915 and amended
special instr's. dated Oct. 25, 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 patent, No. 3-2060, dated October 23, 1912, for
the same to be known as Homestead Entry Survey No. 381,
situated within the Coconino National Forest, in
- surveyed Section 19, Township 20N, Range 8E, and
- surveyed Section 30, Township 20N, Range 8E,

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 25th day of
March, 1916.

Elaine C. Meyer
Notary Public



Chains Applicant for listing, J. Edward Priest Jr.; Application No. 236, dated March 5, 1911; List No. 3-2060, dated October 23, 1912; H. E. 021780, made in the Phoenix Land Office on March 19, 1913 by J. Edward Priest Jr. Surveyed under special instructions from the Surveyor General for Arizona, dated July 9, 1915, and amended special instructions dated October 25, 1915, and designated as Homestead Entry Survey No. 381.

The strip excepted from the original listing for logging railroad right-of-way was included in this survey, since it is no longer required for the protection of Government interests.

Situated in secs. 19 and 30, T. 20 N., R. 8 E., Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

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

Survey commenced October 21, 1915 and executed with a Buff and Buff transit.

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

The stadia is adjusted to read 1:132.

All measurements were made directly on the slope with a 500 link steel tape and a Philadelphia stadia rod.

The slope angles were determined with a clinometer.

Horizontal distances only appear in these notes.

October 21, 1915

At 5h. 50.9m. p.m. l.m.t., I observe Polaris at cor. No. 7 of this survey, hereinafter described. The reading on the reference object is set at zero.

Lat. 35° 05' .20" N., Long. 111° 35' 30" W., Elevation 6850 ft., from Flagstaff Quadrangle, U. S. G. S. sheet.

Chains Mag. Va. at 5 p.m., 14° 45' E., Mean Mag. Va. 14° 45' E.

Telescope	Time	Horizontal Angle
Direct	5h. 50m. 54s.	6° 23' 30" E. of Polaris
Astron. l.m.t. U.C. Pol., Oct. 21, 1915, 11h. 33.2m.		
Astron. l.m.t. Obsn. October 21, 1915		5h. 50.9m.
		<u>5h. 42.3m.</u>
Long. correction,		<u>01.2m.</u>
Hour angle Pol. at obsn.		5h. 41.1m.
Azimuth of Polaris, 1° 23' 20" E.		
Bearing of reference object, N. 7° 46' 50" E.		

At 5h. 53m. p.m., l.m.t., I again observe Polaris at cor. No. 7 of this survey. The reading on the reference object is set at zero.

Telescope	l.m.t.	Horizontal Angle
Reversed	5h. 53m. 01s.	6° 24' E. of Pol.
Astron. l.m.t. U.C. Pol., October 21, 1915, 11h. 33.2m.		
Astron. l.m.t. Obsn. October 21, 1915,		5h. 53.0m.
		<u>5h. 50.2m.</u>
Long. correction		<u>1.2m.</u>
Hour angle Pol. at obsn.		5h. 49.0m.

Azimuth of Polaris, 1° 23' 20" E.
Bearing of reference object, N. 7° 47' 20" E.
The mean of these is N. 7° 47' 05" E., and from the corresponding meridian all the courses of this survey are referred.

October 22, 1915.

At cor. No. 7 of this survey, I place telescope of transit on the meridian and observe the time of passage of right and left limbs of sun across vertical wire.

Sun's Limb	Watch Time
Right	11h. 39m. 20s
Left	11h. 41m. 29s.

From this obsn. I calculate watch to be 4m. 16s. slow and time obsns. of last night's Polaris, corrected accordingly.

Chains

RETRACEMENTS

October 26, 1915.

From 1/4 cor., bet. secs. 19 and 30, T. 20 N., R. 8 E.,
G. and S. R. B. and M., which is described by the Sur-
veyor General as a post marked 1/4 S 4 ft. long, with
charred stake and mound of earth and pits. I find
butt of old stake in a mound of rock, one witness
tree and stump of the other. I restore the cor. as
follows:

Set a limestone 24 x 12 x 8 ins., 14 ins. in the ground,
over a small stone marked with a cross, chiseled 1/4 S
on N. face; and raise a mound of stone 3 ft. base, 2
ft. high N. of cor., from which:

A twin yellow pine, 14 ins. dia., bears
S. 44° 55' W., 115 lks. dist., blazed
and scribed 1/4 S 30 B T.

A yellow pine, 20 ins. dia., bears N. 19°
03' E., 7 lks. dist., blazed and
scribed 1/4 S 19 B T.

Thence East.

Retracing line bet. secs. 19 and 30.

40.05 Fall 26-1/2 lks. S. of cor. for secs. 19, 20, 29 and 30,
T. 20 N., R. 8 E., which is a post marked as described
by the Surveyor General, witnessed by two trees and a
stump, all marked as described. The fourth tree has
disappeared. The post was rotten and in poor condi-
tion. I restore as follows:

Set a limestone 24 x 14 x 4 ins., 14 ins. in the
ground, over a small stone marked with a cross for
cor. of secs. 19, 20, 29 and 30, marked with one
notch on S. edge and 5 notches on E. edge, from
which:

A yellow pine, 20 ins. dia., bears North,
130 lks. dist., marked T. 20 N R 8 E

4.

Chains

S 20 B T.

A yellow pine, 20 ins. dia., bears South
43 lks. dist., marked T 20 N R 8 E S 29 B T.

A yellow pine, 22 ins. dia., bears North
50° W., 59 lks. dist., marked T 20 N

R 8 E S 19 B T.

A yellow pine, 20 ins. dia., bears S.
10° W., 62 lks. dist., marked T 20 N

R 8 E S 30 B T.

Return course S. 89° 37' W., 40.05 chs.

Thence North. (recorded bearing.)

Bet. secs. 19 and 20.

35.87

To mean high water line of Mary's Lake.

Set a limestone 24 x 12 x 4 ins., 14 ins. in the
ground, over a small stone marked with a cross, for
meander cor. on line bet. secs. 19 and 20, marked
M C on N. face; and raise a mound of stone 3 ft. base,
2 ft. high S. of cor.

Note: The 1/4 cor. bet. secs. 19 and 20 is located in
Mary's Lake, and was at time of this survey under
water.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

Identical with 1/4 cor. bet. secs. 19 and 30, here-
tofore described; also cor. H-1, which is a limestone
12 x 8 x 6 ins. above ground, set alongside 1/4 cor.,
marked and witnessed as described by the Forest
Service. I destroy all trace of the list cor. I
chisel + on top of 1/4 cor. for cor. No. 1 of this
survey and alongside set a limestone 24 x 8 x 8 ins.,
14 ins. in the ground, chiseled 1 - H E S 381 on SE.

Chains

face; and raise a mound of stone 3 ft. base, 2 ft.

high SE. of cor. from which:

A yellow pine, 8 ins. dia., bears S. 70°

08' W., 166 lks. dist., blazed and scribed

1 H E S 381 + B T.

A yellow pine, 10 ins. dia., bears N. 74°

45' W., 190 lks. dist., blazed and scribed

1 H E S 381 + B T.

Latitude 35° 05' 40" N., Long. 111° 35' 30" W., from

Flagstaff Quadrangle, U. S. G. S. sheet.

Thence N. 79° 47' E.

Along base hill and edge cultivated land.

Descend 5 ft. to cor. Fence on line.

13.98 To cor. No. 2.

Identical with cor. H-2 of list survey, which is a limestone 12 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I de-

stroy cor. H-2 and its witnesses; and, for cor. No.

2 of this survey I chisel (+) on a stone 7 x 6 x 3

ins. and deposit it 14 ins. in the ground; over which

I set a limestone 24 x 10 x 6 ins., 14 ins. in the

ground, chiseled (+) at the point and 2- H E S 381

on the SE. face; and raise a mound of stone 3 ft.

base, 2 ft. high SE. of cor. from which:

A yellow pine, 5 ins. dia., bears N. 76°

28' W., 104 lks. dist., blazed and scribed

2 H E S 381 + B T.

A yellow pine, 8 ins. dia., bears N. 12°

05' E., 184 lks. dist., blazed and scribed

2 H E S 381 + B T.

Thence N. 19° 48' E.

Ascend 25 ft. to point of hill. Fence on line.

6.

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains	Point of hill. Descend 25 ft. to flat.
2.95	
3.50	Base of hill, over level land along base of hill.
8.00	Cor. of fence. Fence bears SE.
15.60	Foot of ascent. Ascend 20 ft. along E. slope.
17.80	Cor. of fence. Top ascent. Fence bears SE. Leave fence and descend 25 ft. to flat.
20.50	Foot descent, over flat. Descend 5 ft. to cor.
42.75	Slough, mouth arroyo, 4.00 chs. wide, 2 ft. deep, course NE.
49.40	To cor. No. 3 and Meander Corner on mean high water line of Mary's Lake. Identical with cor. H-3 of list survey, which is a limestone 8 x 3 x 7 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H -3 and its witnesses, and for cor. No. 3 of this survey I chisel (+) on a stone 8 x 5 x 4 ins., and deposit it 14 ins. in the ground, over which I set a limestone 24 x 10 x 6 ins., 14 ins. in the ground, chiseled (+) at the point, 3 - H E S 381 on the SE. face, M C on NNE. face; and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., from which: A yellow pine, 28 ins. dia., bears S. 72° 39' E., 52 lks. dist., blazed and scribed M C 3 H E S 381 + B T. A yellow pine, 18 ins. dia., bears S. 6° 41' W., 41 lks. dist., blazed and scribed M C 3 H E S 381 + B T.
<p>Thence I run with meanders, the South mean high water mark of Mary's lake, which is six miles long and one-half mile wide and is drained by large sink holes in center. The lake is a permanent body of water, proper to be meandered.</p>	
<p>S. 0° 42' W., 10.76 chs.</p>	

struck out as required by Louis letter Dec 31

Chains

~~In open, no banks, water line changeable.~~

1.90 chs. Slough and mouth of arroyo, 320 lks.
wide, 2 ft. deep, course NE.

S. 31° 17' E.

3.54 chs. At 200 chs. slough and mouth of arroyo,
50 lks. wide and 3 ft. deep, course NE.

N. 82° 27' E.

7.92 chs.

To cor. No. 4, meander cor. (mean high water line of
Mary's Lake) and C. C. on line bet. secs. 19 and 20.

I chisel (+) on a stone 6 x 5 x 3 ins. and deposit it
14 ins. in the ground; over which I set a limestone

24 x 12 x 4 ins., 14 ins. in the ground; chiseled (+)

at the point, 4 - H E S 381 on the SW. face, M C on the
N. face and C C on W. face; and raise a mound of stone

3 ft. base, 2 ft. high W. of cor., from which:

A yellow pine, 18 ins. dia., bears S. 81°

02' E., 149 lks. dist., blazed and scribed

MC 4 HES 381 + B T.

A yellow pine, 36 ins. dia., bears N. 52°

43' E., 202 lks. dist., blazed and scribed

M C 4 H E S 381 + B T.

No bearings obtainable to cor. H-4, which
is under water.

Thence South.

Over level land. Ascend 10 ft. to cor.

13.91 To cor. No. 5 and C. C. on line bet. secs. 19 and 20.

I chisel (+) on a stone 9 x 6 x 5 ins. and deposit
it 14 ins. in the ground; over which I set a limestone

24 x 12 x 10 ins., 14 ins. in the ground; chiseled (+)

at the point, 5 - H E S 381 on the W. face and C C on
the SW. face; and raise a mound of stone 3 ft. base,

Chains

2 ft. high, SW. of cor. from which:

A yellow pine, 26 ins. dia., bears S. 45°
48' E., 196 lks. dist., blazed and scribed
5 H E S 381 + B T.

A yellow pine, 30 ins. dia., bears N. 54°
05' E., 197 lks. dist., blazed and scribed
5 H E S 381 + B T.

Cor. H-5 of the list survey, which is a
limestone 6 x 3 x 6 ins. above ground,
marked and witnessed as described by
the Forest Service, bears S. 37° 43' E., 217
lks. dist. I destroy all trace of this list
cor.

Sec. cor. for secs. 19, 20, 29 and 30,
T. 20 N., R. 8 E., heretofore described,
bears South, 21.96 chs. dist.

Thence S. 40° 29' W.

In open, over level land. Descend 5 ft. to arroyo.

5.17 Arroyo, 10 lks. wide, 2 ft. deep, course N. Ascend
45 ft. to ridge.

12.21 Top ridge, bears N. and S. Descend 15 ft. to draw.

15.81 Fence cor., fence bears NW. Thence along fence.

18.61 Small draw, course NW. Ascend 15 ft. to ridge.

22.50 Ridge, bears N. and S. Descend 35 ft. to bottom.

26.80 To base hill, along base hill to cor. Leave fence,
bears NW.

29.12 To cor. No. 6 and Closing Corner on line bet. Secs.
19 and 30.

I chisel (+) on a stone 6 x 4 x 3 ins. and deposit
it 14 ins. in the ground, over which I set a limestone
24 x 12 x 12 ins., 14 ins. in the ground, chiseled (+)
at the point, 6 - H E S 381 on the W. face and C C on

HOMESTEAD ENTRY SURVEY NO. 381

COCONINO NATIONAL FOREST

9.01

STATE OF ARIZONA.

Chains the NE. face; and raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor. from which:
 A yellow pine, 34 ins. dia., bears N. 58° 48' E., 225 lks. dist., blazed and scribed 6 H E S 381 + B T.
 No other witnesses available. Pits impracticable.
 Cor. for secs. 19, 20, 29 and 30, T. 20 N., R. 9 E., heretofore described, bears N. 89° 37' E., 18.91 chs. dist.
 1/4 cor. bet. secs. 19 and 30, T. 20 N., R. 9 E., heretofore described, bears S. 89° 37' E., 21.14 chs. dist.

Thence S. 44° 41' W.
 Along base of hill and edge of cultivated land.
 Fence to left of line.

- 9.25 Leave bottom and ascend 50 ft. to ridge.
- 11.05 Top of ascent. Thence over top of ridge.
- 16.00 Top of descent. Descend 40 ft. to draw.
- 17.50 Bottom of descent. Thence across draw. Drains NW.
- 21.80 Leave draw and ascend 40 ft. to ridge.
- 23.40 Top ridge, bears NW. and SE. Descend 40 ft. to ravine.
- 25.90 Ravine, course NW. Ascend 40 ft. along NW. slope.
- 29.50 Top ascent. Descend 40 ft. to cor.
- 33.09 To cor. No. 7.

Identical with cor. H-6 of list survey, which is a limestone 15 x 6 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-6 and its witnesses. At this point I previously established cor. No. 9, H. E. S. 380, which is a limestone 16 x 10 x 10 ins. above ground, chiseled with a cross on top and 9 - H E S 380 on W. face, with mound of stone 3 ft. base, 2 ft. high West

HOMESTEAD ENTRY SURVEY NO. 381

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains of cor. I chisel same stone 7 - H E S 381 on N. face
 for cor. No. 7 of this survey, whence:
 A yellow pine, 20 ins. dia., bears S. 50°
 48' E., 289 lks. dist., blazed and scribed
 7 H E S 381 + B T.
 A yellow pine, 20 ins. dia., bears S. 54°
 48' W., 234 lks. dist., blazed and scribed
 7 H E S 381 + B T.
 Cor. is under fence, which bears NE. and SW.

Thence N. 26° 07' W.
 Descend 10 ft. in open to arroyo. Along line 9-8
 of H. E. S. No. 380.

2.05 Enter cultivated land, bears NE. and SW.
 4.90 Arroyo, 50 lks. wide, 4 ft. deep, course NE. Ascend
 20 ft. across draw to cor.
 6.74 Leave cultivated land, bears NE. and SW.
 6.93 Road, bears NE. and SW.
 9.93 To cor. No. 8. At cor. fence; fence, bears NNE. and SW.

Identical with cor. H-7 of list survey, which is a
 limestone 8 x 6 x 4 ins. above ground, marked and
 witnessed as described by the Forest Service. I de-
 stroy cor. H-7 and its witnesses. At this point I
 previously set cor. No. 8 H.E.S. 380, which is a
 limestone 10 x 5 x 10 ins. above ground, chiseled
 with a cross on top and 8 - H E S 380 on South face,
 with mound of stone 3 ft. base, 2 ft. high, S. of
 cor. I chisel same stone 8 - H E S 381 on E. face
 for cor. No. 8 of this survey, whence:
 A yellow pine, 34 ins. dia., bears N. 51°
 41' E., 193 lks. dist., blazed and
 scribed, 8 H E S 381 + B T.
 A yellow pine, 26 ins. dia., bears S. 42°
 02' W., 142 lks. dist., blazed and

Chains

scribed 8 H E S 381 + B T.

Thence N. 24° 15' E.

Across draw to base of hill. Fence on line.

1.50 Base of hill. Ascend 40 ft. to ridge.

6.00 Top hill. Descend 50 ft. to bottom.

8.95 Foot descent. Enter bottom.

11.55 Cor. of cultivated land.

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

AREA

Listed area - - - - - 83.09 acres

Unlisted area - - - - - 5.21 acres

Sec. 19 - - - - - 57.56 acres

Sec. 30 - - - - - 30.74 acres

Total Area - - - - - 88.30 acres.

IMPROVEMENTS

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

A frame dwelling, 25 x 30 ft., the long side of which bears NNW. and SSE. and SE. cor. of which bears N. 12° 46' E., 2.40 chs. dist. from cor. No. 6.

Value - - - - - \$400.00

A log and earth root cellar, 36 x 16 ft., the long side of which bears NW. and SE. and S. cor. of which bears N. 19° 40' E., 1.48 chs. dist. from cor. No. 6.

Value - - - - - \$125.00

The framework of barn, 38 x 18 ft., the long side of which bears N. and S., and the SW. cor. of which bears N. 8° 42' W., 1.35 chs. dist. from cor. No. 6.

12.

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

Value - - - - - \$ 40.00

A log barn, 24 x 14 ft., the long side of which bears NE. and SW. and SW. cor. of which bears S. 66° 18' E., 2.75 chs. dist. from cor. No. 8.

Value - - - - - \$150.00

A well, 20 ft. deep, bears N. 6° 50' W., 7.20 chs. dist. from cor. No. 6.

Value - - - - - \$ 75.00

There is approximately 2 miles of wire fence.

Value - - - - - \$250.00

DESCRIPTION

This claim is situated on South shore of Mary's Lake at an elevation of 6850 ft. It consists of a long narrow draw with low ridges SE. and NW. and a general slope NE.

Note: The difference between these notes and that of the listing survey (as to courses, distances and area) is due to errors in the latter.

The bottom land has a rich loam soil, very fertile and especially adapted to raising of oat hay and potatoes.

Good crops of both have been raised on this claim.

Approximately 15 acres in northern end of tract can not be farmed except in certain years, due to spring floods backing up the waters of Mary's Lake.

The slopes have NW. and SE. exposures. They are steep, rocky and non-agricultural, but furnish fair pasturage.

There is no timber on this claim.

There is no water for irrigation and none is necessary.

Water for domestic use is obtained from a 20 ft. well.

Water for stock is obtained from Mary's Lake.

There is approximately 20 acres in cultivation.

I saw no indication of mineral upon this claim.

Chains

CONFLICTS AND ADJOINING CLAIMS

This claim is joined on the SW. by the claim of J. Edward Priest, Sr., H. E. S. 380. There are no conflicting claims.

Flagstaff, Arizona, the nearest post office and railroad point, is approximately 8 miles to the North and is reached by a good road.

TRAVERSES

Sec. 30, T. 20 N., R. 8 E.

Cor.	Course	Dist.	N	S	E	W
1-6	N. 89° 37' E.	21.14	0.14		21.14	
6-7	S. 44° 41' W.	33.09		23.53		23.27
7-8	N. 26° 07' W.	9.93	8.92			4.37
8-1	N. 24° 15' E.	15.85	14.45		6.51	
		<u>80.01</u>	<u>23.51</u>	<u>23.53</u>	<u>27.65</u>	<u>27.64</u>
				<u>23.51</u>	<u>27.64</u>	

Error in Lat. and Dep.

.02 .01

Closing error, 1:3579

Sec. 19, T. 20 N., R. 8 E.

Cor.	Course	Dist.	N	S	E	W
1-2	N. 79° 47' E.	13.98	2.48		13.76	
2-3	N. 19° 48' E.	49.40	46.48		16.74	
3-	S. 0° 42' W.	10.76		10.76		0.13
-	S. 31° 17' E.	3.54		3.03	1.84	
4	N. 82° 27' E.	7.92	1.04		7.85	
4-5	South	13.91		13.91		
5-6	S. 40° 29' W.	29.12		22.15		18.91
6-1	S. 89° 37' W.	21.14		0.14		21.14
		<u>149.77</u>	<u>50.00</u>	<u>49.99</u>	<u>40.19</u>	<u>40.18</u>
			<u>49.99</u>		<u>40.18</u>	

Error in Lat. and Dep.

.01

.01

Closing error, 1:10590.

Survey completed October 26, 1915.

R. A. Johnson

Surveyor - Draftsman

NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

This claim is joined on the SW. by the claim of J. Edwards
 Street, Jr., N. E. S. 380. There are no conflicting
 claims.
 Flagstaff, Arizona, the nearest post office and railroad
 point, is approximately 8 miles to the north and is
 reached by a good road.

TABLES

Sec. 30, T. 30 N., R. 8 E.

Cor.	Course	Dist.	N	S	E	W
1-6	N. 89° 37' E.	21.14	0.14		21.14	
6-7	S. 44° 41' W.	23.09		23.09		23.09
7-8	N. 26° 07' W.	9.93		8.93		4.23
8-1	N. 24° 18' E.	16.86		14.46		6.61
<hr/>						
		80.01	23.51	23.53	27.66	27.66
			23.51	23.51	27.66	27.66
				02.		01.

Error in lat. and Dep.

Closing error, 1:2573

Sec. 19, T. 30 N., R. 8 E.

Cor.	Course	Dist.	N	S	E	W
1-2	N. 73° 47' E.	13.98	2.48		13.76	
2-3	N. 19° 48' E.	49.40	46.48		16.74	
3-4	S. 0° 42' W.	10.76		10.76		0.13
4-5	S. 81° 17' E.	3.64		3.08		1.84
5-6	N. 82° 27' E.	7.92		1.04		7.86
6-1	South	13.91		13.91		
	S. 40° 29' W.	29.13		23.13		18.91
	S. 68° 37' W.	41.14		0.14		21.14
<hr/>						
		143.77	50.00	49.92	40.13	40.13
			49.92		40.13	
				01.		01.

Error in lat. and Dep.

Closing error, 1:10290

Survey completed October 26, 1916.

[Handwritten Signature]
 Surveyor - Draftsman

HOMESTEAD ENTRY SURVEY NO. 381

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Observation for time, October 22, 1915, at cor. No. 7.

Watch time passage right limb,	11h. 39m. 20s.
Watch time passage left limb,	11h. 41m. 29s.
	<u>2) 23h. 20m. 49s.</u>
	11h. 40m. 24s.
Time correction,	<u>15m. 20s.</u>
Watch time noon,	11h. 55m. 44s.
Noon,	<u>12h. 00m. 00s.</u>
Watch slow,	0h. 04m. 16s.

Chains.

Observation for time, October 28, 1915, at

11h. 32m. 30s.	Watch time passage right limb,
11h. 41m. 30s.	Watch time passage left limb,
11h. 30m. 40s.	
11h. 40m. 40s.	
11h. 30s.	Time correction,

11h. 32m. 44s.	Watch time noon,
11h. 00m. 00s.	Noon,

Op. 04m. 10s.	Watch slow,
---------------	-------------

DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. 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. 381, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
Sec. 19 1-2	N. 79° 47' E.	13.98	2 48		13 76		13 76	34 12		
2-3	N. 19° 48' E.	49.40	46 48		16 74		44 25	2056 30		
(3 -	S. 0° 42' W.	10.76		10 76		0 13	60 85		654 75	
Meanders (S. 31° 17' E.	3.54		3 03		1 84	62 56		189 56	
(4	N. 82° 27' E.	7.92	1 04		7 85		72 25	75 14		
4-5	South	13.91		13 91			80 10		1114 19	
5-6	S. 40° 29' W.	29.12		22 15		18 91	61 19		1355 36	
6-1	S. 89° 37' W.	21.14		0 14		21 14	21 14		2 96	
		149.77	50 00	49 99	40 19	40 18		2165 56	3316 82	
			49 99	49 99	40 18	40 18			2165 56	
	Closing error, 1:10590.								1151 26	
									57 56	Acres.
Sec. 30 1-6	N. 89° 37' E.	21.14	0 14		21 14		34 16	5 12		
6-7	S. 44° 41' W.	33.09		23 53		23 27	32 02		753 11	
7-8	N. 26° 07' W.	9.93	8 92			4 37	4 37	38 98		
8-1	N. 24° 15' E.	15.85	14 45			6 51	6 51	94 07		
		80.01	23 51	23 53	27 65	27 64		138 17	753 11	
			23 52	23 52	27 65	27 65			138 17	
									614 94	
									30 74	Acres.
	Closing error, 1:3579.									

19

FMM

APPROVAL

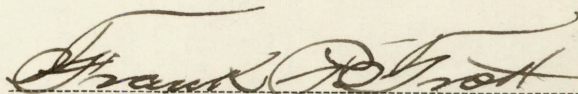
Office of the United States Surveyor General,

Phoenix, Arizona, August 2, 1917

The foregoing field notes of Homestead Entry Survey No.

381

executed by R. P. A. Johnson, Surveyor-Draftsman [Forest Service Title.]
under his special instructions, dated July 9, 1915, ^{and} having
amended special instructions dated October 25, 1915
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.