

**ORIGINAL**

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

OCT 29 1918  
APR 21 1919

MAY 22 919

JUN -4 1920

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 371

SITUATED IN THE **COCONINO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 17 , - surveyed, Township 19 N., Range 7 E.  
In Section 19 , - surveyed, Township 19 N., Range 7 E.  
In Section 20 , - surveyed, Township 19 N., Range 7 E.

of the

**Gila and Salt River Base and Meridian.**

State of

**ARIZONA.**

Applicant for listing **Frederick H. Grant,**

Residence **Flagstaff, Arizona.**

Application No. **340** , dated **June 7,** , 19 **12**

List No. **3-2121** , dated **October 23** , 19 **10**

Applicant for survey **Myron S. Loy,**

Residence **Flagstaff, Arizona.**

H. E. No. **025153** , dated **May 23** , 19 **14**  
*Relinquished Sept. 28, 1916.*

Office **Phoenix, Arizona.**  
Land District

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

**Surveyor-Draftsman**  
[Forest Service Title.]

Under special instructions dated **July 9** , 19 **15**

Survey commenced **May 10** , 19 **18**

Survey completed **May 13** , 19 **18**

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

OATH OF ASSISTANTS

We hereby certify that we assisted  
**Surveyor - Draftsman**  
[Forest Service Title.]

*R. P. N. Johnson*  
in surveying all those

parts or portions of Homestead Entry Survey No. **371**, 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 Tebrian*

Chainman

*Henry Edwards*

Chainman

Subscribed and sworn to before me this *thirteenth* day of

*May*, 19*18*.

*R. P. N. Johnson*  
Surveyor Draftsman

OATH OF SURVEYOR

I, *R. P. N. 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 **July 9**, 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 3-2121 dated October 23, 1910 and a tract of unlisted land upon the application of **Frederick H. Grant**

Application, No. **340**, dated **June 7**, 19**12**, for **Listing and Patent**, under the Act of **June 11**, 19**06**, the same to be known as Homestead Entry Survey No. **371**, situated within the **COCONINO** National Forest, in

- surveyed Section **17**, Township **19 N.**, Range **7 E.**, and
- surveyed Section **19**, Township **19 N.**, Range **7 E.**,
- surveyed Section **20**, Township **19 N.**, Range **7 E.**

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.

*R. P. N. Johnson*  
Surveyor Draftsman  
[Forest Service Title.]

Subscribed and sworn to before me this **Fourth** day of

**June**, 19**18**.

*Ethel M. Gutchall*  
Notary Public



8-2349

My Commission expires Mar. 17 1921

*on 5/20/18  
made upon  
appl. of Grant  
applicant*

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains Applicant for listing, Frederick H. Grant; Application No. 340, dated June 7, 1912; List No. 3-2121, dated October 23, 1910; H. E. 025153, made in the Phoenix Land Office on May 23, 1914 by Myron S. Loy; Also adjoining areas of unlisted land along the boundaries of this survey were included 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 July 9, 1915 and designated as Homestead Entry Survey No. 371. Situated in Secs. 17, 19 and 20, T. 19 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 10, 1918, and executed with a Buff and Buff transit No. 9700-6.

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.

May 11, 1918.

I observe Polaris for azimuth at Cor. No. 1, hereinafter described. The reading is set at zero on the meridian brought by sustained angulation from cor. to Secs. 19 and 29, T. 19 N., R. 7 E., and secs. 24 and 25, T. 19 N. R. 6 E. hereinafter described,

Lat.  $35^{\circ} 01' 23''$  N., Long.  $111^{\circ} 41' 05''$  W., from Forest Service Grazing Atlas.

Telescope	Time	Horizontal Angle East of Star
Direct	7h. 13m. 18s.	$0^{\circ} 59' 00''$
Reverse	7h. 15m. 12s.	$0^{\circ} 58' 00''$
Mean	7h. 14m. 15s.	$0^{\circ} 58' 30''$

Chains 1.m.t. U.C. Polaris May 11, 1918, 10h. 15.4m. a.m.  
 1.m.t. obsn. May 11, 1918, 7h. 14.2m. p.m.  
 Hour angle at obsn. 8h. 58.8m.  
 Azimuth of Polaris,  $0^{\circ} 58' 06''$   
 Difference in meridians  $0^{\circ} 00' 24''$

At 5h. 30m. p.m., l.m.t. I set off  $35^{\circ} 01'$  on lat. arc,  $17^{\circ} 54'$  N. on decl. arc and determine a meridian with the solar at Cor. No. 1, which is identical with cor. to Secs. 17 and 18, and theoretical point for cor. to Secs. 19 and 20, T. 19 N., R. 7 E., hereinafter described. The meridian thus determined differs from meridian determined by Polaris obsn. by  $0^{\circ} 00' 30''$ .  
 May 11, 1918.

RETRACEMENTS AND RESURVEYS

May 9, 1918.

In connection with survey of H.E.S. No. 370 I retraced lines of Secs. 19 and 20, T. 19 N., R. 7 E., as follows:

At 3h. 10m. p.m., l.m.t., I set off  $35^{\circ} 00' 30''$  on lat. arc,  $17^{\circ} 20'$  N. on decl. arc and determine a meridian

with the solar at cor. to Secs. 20, 21, 28 and 29, a malpais stone 8 x 5 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence West, (Record course N.  $86^{\circ} 40'$  W.)

On random line bet. Secs. 20 and 29, E/2.

40.26 Fall 49 lks. S. of 1/4 sec. cor. bet. Sec. 20 and 29, which is a malpais stone 14 x 10 x 4 ins. surrounded by a mound of stone and marked and witnessed as de-

scribed by Surveyor General.

Return course S.  $89^{\circ} 18'$  E., 40.26 chs.

Thence West (Record course N.  $86^{\circ} 40'$  W.)

On random line bet. Secs. 19, 20, and 29, W/2.

45.89 Fall 44 lks. N. of cor. for secs. 19, 24, 25 and 29, heretofore described.

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Chains Thence N. 89° 27' E.  
 On a true line bet. Secs. 19 and 29.  
 7.73 To theoretical point for cor. to secs. 19 and 20 on  
 N. bdy sec. 29 T. 19 N., R. 7 E. (The locus of said  
 point being determined by the following proportion  
 from 1/4 cor. bet. secs. 20 and 29.  $\frac{45.89 \times 40}{48.10} = 38.16$   
 $45.89 - 38.16 = 7.73$   
 45.89 1/4 Cor. bet. Secs. 20 and 29 heretofore described.  
 May 9, 1918.

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May 10, 1918.  
 At 9h. 46m. a.m., l.m.t., I set off 35° 00' 30" on lat.  
 arc, 17° 32' 30" N. on decl. arc and determine a meri-  
 dian with the solar at cor. to secs. 19, 24, 25 and 29,  
 which is a malpais stone 8 x 7 x 6 ins. above ground,  
 marked and witnessed as described by the Surveyor Gen-  
 eral.  
 Thence N. 15° 09' W.  
 Retracing line bet. Secs. 19 and 24.  
 41.16 Fall 11 lks. N. 74° 51' E. of 1/4 sec. cor. bet. Secs.  
 19 and 24, which is a malpais stone 10 x 4 x 8 ins.  
 above ground, marked and witnessed as described by the  
 Surveyor General.  
 Return course S. 15° 18' E., 41.16 chs.

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Thence N. 15° 09' W.  
 Retracing line bet. secs. 19 and 24.  
 41.17 Fall 7 lks. S. 74° 51' W. of cor. for secs. 13, 18, 19  
 and 24, which is a malpais stone 12 x 4 x 10 ins. above  
 ground, marked and witnessed as described by the Sur-  
 veyor General.  
 Return course S. 15° 03' E., 41.17 chs.

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Thence East (Record course S. 86° 40' E.)  
 On random line bet. secs. 18 and 19 and 20.

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Chains 25.10	<p>Fall 181 lks. S. of cor. for secs. 18 and 17, which is also theoretical point for cor. of Secs. 19 and 20, a malpais stone 8 x 4 x 10 ins. above ground, marked as described by Surveyor General and witnessed as follows:</p> <p>A pine 30 ins. dia., bears N. 35° 19' E., 192 lks. dist., scribed T 19 N R 7 E S 17 B T. (New BT)</p> <p>A pine 20 ins. dia., bears N. 45° W., 97 lks. dist., scribed T 19 N R 7 E S 18 B T. (New B T).</p> <p>A pine 24 ins. dia., bears S. 79° 35' W., 190 lks. dist., scribed T 19 N R 7 E S 20 B T. (New BT)</p> <p>(Field notes from Surveyor General record no trees in limits.)</p> <p>Return course N. 85° 53' E., 25.17 chs.</p> <hr/> <p>Thence East. (Record course S. 86° 04' E.)</p> <p>On random line bet. secs. 17 and 20.</p>
40.16	<p>Fall 18 lks. S. of 1/4 sec. cor. bet. secs. 17 and 20, which is a malpais stone 10 x 6 x 5 ins. above ground, marked and witnessed as described by the Surveyor General.</p> <p>Return course S. 89° 45' W., 40.16 chs.</p> <p>Obsn. for lat. impracticable. Clouds at noon.</p> <hr/> <p>Thence East. (Record course S. 86° 04' E.)</p> <p>On random line bet. Secs. 17 and 20.</p>
40.36	<p>Fall 181 lks. N. of cor. for secs. 16, 17, 20 and 21, which is a malpais stone 24 x 12 x 6 ins. in a mound of stone, marked and witnessed as described by the Surveyor General.</p> <p>Return course N. 87° 26' W., 40.40 chs.</p> <hr/> <p>Thence South,</p> <p>Retracing line bet. Secs. 20 and 21.</p>
39.44	<p>Fall 162 lks. W. of 1/4 sec. cor. bet. secs. 20 and 21,</p>

## COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains which is a malpais stone 10 x 5 x 10 ins. above ground, marked and witnessed as described by the Surveyor General.

Return course N. 2° 21' W., 39.47 chs.

Thence South,

Retracing line bet. sec. 20 and 21.

40.43 Fall 40 lks. W. of cor. for Secs. 20, 21, 28 and 29, which is a malpais stone 8 x 5 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.

Return course N. 0° 34' W., 40.43 chs.

May 10, 1918.

May 11, 1918. Work on H. E. S. No. 370.

May 12, 1918.

At 8h. 30m. a.m., l.m.t., I set off 35° 01' on lat. arc, 18° 03' N. on decl. arc and determine a meridian with

the solar at cor. to secs. 17 and 18, and theoretical point for cor. to Secs. 19 and 20 heretofore described.

Thence North,

Retracing line bet. Sec. 17 and 18.

40.00 Fall 219 lks. W. of 1/4 sec. cor. bet. Secs. 17 and 18, which is a malpais stone 8 x 7 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.

Return course S. 3° 08' W., 40.06 chs.

Thence North,

Retracing line bet. Sec. 17 and 18.

40.34 Fall 50 lks. E. of cor. of Secs. 7, 8, 17 and 18, which is a malpais stone 10 x 5 x 5 ins. above ground, marked and witnessed as described by the Surveyor General.

Stone is in poor condition. I therefore restore as follows:

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Chains Deposit a lava stone 4 x 4 x 3 ins. marked with a +  
 10 ins. in the ground, over which set a malpais stone  
 20 x 16 x 8 ins. marked with 5 notches on E. and 4  
 notches on S. edges; and raise a mound of stone 3 ft.  
 base, 2 ft. high N. of cor.  
 Return course S. 0° 43' E., 40.34 chs.

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Thence S. 86° 40' E. (Record course S. 86° 46' E.)  
 On random line bet. Secs. 8 and 17.  
 40.00 1/4 sec. cor. bet. secs. 8 and 17 is not found after a  
 careful search.  
 78.82 Fall 365 lks. S. 3° 20' W. of cor. for secs. 8, 9, 16 and  
 17, which is a malpais stone 26 x 6 x 6 ins., surround-  
 ed by mound of stone, marked and witnessed as described  
 by the Surveyor General.  
 Return course N. 89° 19' W., 78.90 chs.  
 Obsn. for lat. impracticable. Clouds at noon.

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Thence South,  
 Retracing line bet. Secs. 16 and 17.  
 40.23 Fall 48 lks. E. of 1/4 sec. cor. bet. Secs. 16 and 17,  
 which is a malpais stone 6 x 8 x 8 ins. above ground,  
 marked and witnessed as described by the Surveyor  
 General.  
 Return course N. 10° 41' E., 40.23 chs.

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Thence South,  
 Retracing line bet. Sec. 16 and 17.  
 40.53 Fall 34 lks. W. of cor. for secs. 16, 17, 20 and 21.,  
 heretofore described.  
 Return course N. 0° 29' W., 40.53 chs.  
 May 12, 1918.

BOUNDARIES OF CLAIM

May 13, 1918.  
 Beginning at Cor. No. 1,  
 Identical with cor. for secs. 17 and 18, and theoretical  
 point for cor. to secs. 19 and 20, heretofore described.



## COCONINO NATIONAL FOREST

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Chains I chisel same stone cross at the point and alongside set a lava stone 30 x 8 x 4 ins., 20 ins. in the ground, marked 1 H E S 371 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A pine 20 ins. dia., bears N. 45° E., 97 lks. dist., scribed 1 H E S 371 + B T.

A pine 24 ins. dia., bears S. 79° 35' W., 190 lks. dist., scribed 1 H E S 371 + B T.

Note: Both trees are also witness to cor. for secs. 17 and 18.

Cor. H/13 of the list survey, which is a lava stone 6 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 56° 44' W., 53 lks. dist. I destroy all trace of this list cor.

Cor. H/12 of the list survey, which is a lava stone 6 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 28° 32' E. 4.05 chs. dist. I destroy all trace of this list cor. Forest Service telephone passes over this cor. N. and S.

Lat. 35° 01' 23" N., Long. 111° 41' 05" W., from Forest Service Grazing Atlas.

Mag. decl. at 8h. 00m. a.m., l.m.t., 15° 48' E. Mean mag: decl. 15° 45' E.

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At 8h. 26m. a.m., l.m.t., I set off 35° 01' on lat. arc, 18° 18' N. on decl. arc and determine a meridian with the solar at above cor.

Thence N. 11° 32' E.

Fence on line. Through fringe of dead timber on gentle E. slope. Desc. 5 ft.

1.30 Leave listed and enter unlisted land.

10.00 Road bears N. and S.

13.80 Leave unlisted and enter listed land.

15.75 Leave listed and enter unlisted land.

Chains  
21.95

To Cor. No. 2.

Set a malpais stone 24 x 8 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 2 H E S 371 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., whence:

A pine 30 ins. dia. bears N. 7° 53' E.,

252 lks., scribed 2 H E S 371 + B T.

A pine 16 ins. dia. bears N. 84° 43' W.,

122 lks. dist., scribed 2 H E S 371 + B T.

Cor. H/11 of the list survey, a post 4 x 4 x 16 ins above ground, marked and witnessed as described by the Forest Service, bears S. 12° 26' W., 7.20 chs. dist. I destroy all trace of this list cor.

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Thence N. 89° 30' E.

Over unlisted land. Fence on line.

0.76 Cor. H/10 of the list survey, a malpais stone 5 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Leave unlisted and enter listed land.

1.60 Wash 20 lks. wide, 2 ft. deep, course N.

3.76 To Cor. No. 3.

Identical with cor. H/9 of the list survey, a malpais stone 8 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 in place of which set a malpais stone 24 x 8 x 6 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 371 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor., whence:

A pine 24 ins. dia., bears N. 32° 16' E.,

115 lks. dist., scribed 3 H E S 371 + B T.

A pine 22 ins. dia., bears S. 51° 53' E.,

Chains

125 lks., scribed 3 H E S 371 + B T.

Cor. H/8 of the list survey, a malpais stone  
5 x 4 x 4 ins. above ground, marked and wit-  
nessed as described by the Forest Service,  
bears S. 5° 20' W., 7.00 chs. dist. I de-  
stroy all trace of this list cor.

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Thence S. 1° 09' E.

Over unlisted land. Asc. 5 ft. along edge of timber on  
gentle W. slope. Fence on line.

20.56 Leave unlisted and enter listed land.

21.48 To Cor. No. 4 and C C on line bet. secs. 17 and 20.

Set a malpais stone 24 x 10 x 4 ins., 14 ins. in the  
ground, over a small stone marked with a cross. I  
chisel a cross at the point, 4 H E S 371 on the W.  
face and C C on the N. face; and raise a mound of  
stone 2 ft. base, 1-1/2 ft. high on closing line N.  
of cor., whence:

A pine 22 ins. dia., bears N. 79° 52' E.,

29 lks. dist., scribed 4 H E S 371 + B T.

A pine 20 ins. dia., bears S. 36° 11' E.,

134 lks. dist., scribed 4 H E S 371 + B T.

Cor. secs. 17, 18, and theoretical point for  
cor. of secs. 19 and 20, and cor. No. 1 of  
this survey, previously described, bears S.  
89° 45' W., 8.60 chs. dist.

1/4 sec. cor. bet. secs. 17 and 20, previously  
described, bears N. 89° 45' E., 31.56 chs. dist.

Cor. H/7 of the list survey, a malpais stone  
7 x 5 x 5 ins. above ground, marked and witnes-  
sed as described by the Forest Service, bears  
N. 6° 42' W., 7.53 chs. dist.

I destroy all trace of this list cor.

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Thence S. 22° 32' E.

At edge of timber on gentle W. slope. Fence on line.

HOMESTEAD ENTRY SURVEY NO. 371

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

0.35 Cor. H/6 of the list survey, a malpais stone 6 x 5 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

14.64 To Cor. No. 5.

Identical with cor. H/5 of the list survey, a malpais stone 6 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 20 x 10 x 6 ins., 12 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 5 H E S 371 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A pine 24 ins. dia., bears S. 18° 13' E., scribed 5 H E S 371 + B T, 59 lks. dist.

A pine 24 ins. dia., scribed 5 H E S 371 + B T, bears S. 66° 58' E., 86 lks. dist.

Cor. H/4 of the list survey, a malpais stone 5 x 4 x 5 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 13° 40' W., 6.01 chs. dist. I destroy all trace of this list cor.

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

Thence S. 2° 57' E.

Over gentle W. slope at edge of timber. Fence on line.

19.68 To Cor. No. 6. At fence cor. Fence bears NNW. and SSW. along line.

Identical with Cor. H/3 of the list survey, a post 4 x 4 x 18 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 4 ins., 14 ins. in the ground,

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Chains over a small stone marked with a cross. I chisel a cross at the point and 6 H E S 371 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A pine 48 ins. dia., bears N. 0° 45' W.,  
75 lks. dist., scribed 6 H E S 371 + B T.

A pine 20 ins. dia., bears S. 55° 24' E.,  
128 lks. dist., scribed 6 H E S 371 + B T.

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Thence S. 15° 33' W.

Over gentle W. slope, along edge of timber. Fence on line.

8.35 Enter corral, cor. is ESE 100 lks. dist.

9.05 Leave corral, cor. is ESE 100 lks. dist.

10.82 To Cor. No. 7. At cor. of fence. Fence bears NNE and West along claim lines.

Identical with cor. H/2 of the list survey, a post 4 x 4 x 18 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. (no longer stone available) 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 371 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor., whence:

A pine 20 ins. dia., bears S. 0° 31' W.,  
39 lks. dist., scribed 7 H E S 371 + B T.

A pine 16 ins. dia., bears S. 66° 20' E.,  
67 lks. dist., scribed 7 H E S 371 + B T.

Cor. No. 3 of H E S 370, a lava stone 10 x 6 x 10 ins. above ground, marked + on top and 3 HES 370 on SW. face, bears S. 1° 08' 19" E. 27.68 chs. dist. by traverse which is attached at the end of these notes.

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Chains Thence N. 89° 18' W. Fence on line. 2.00 Wash 10 lks. wide 1 ft. deep, course NW. 4.48 To Cor. No. 8. At cor. of fence. Fence bears East along line and NNW. Identical with Cor. H/1 of the list survey, a post 4 x 4 x 18 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 30 x 12 x 6 ins., 20 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 8 H E S 371 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor., whence:

A pine 24 ins. dia., bears N. 14° 31' W., 38 lks. dist., scribed 8 H E S 371 + B T.

A pine 24 ins. dia., bears S. 81° 00' W., 45 lks. dist., scribed 8 H E S 371 + B T.

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Thence N. 16° 18' W. Over gentle E. slope at edge of timber. Fence follows line inside claim. 3.50 Forest Service telephone line bears N. and S. 10.00 Enter road, follows line. 17.10 Leave road, bears NNW. 30.17 To Cor. No. 9. Identical with Cor. H/14 of the list survey, a malpais stone 5 x 3 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 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and 9 H E S 371 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., whence:

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COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

A pine 30 ins. dia. bears N. 70° 11' W.  
 122 lks., scribed 9 H E S 371 + B T.  
 A pine 20 ins. dia., bears S. 47° 00' W.,  
 170 lks. dist., scribed 9 H E S 371 + B T.  
 Cor. H/15 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,  
 bears S. 30° 00' E., 4.71 chs. dist.  
 I destroy all trace of the list cor.

Thence N. 2° 20' E.

Over gentle East slope at edge of timber. Fence on  
line.

14.58 To Cor. No. 1, and place of beginning.

AREA

Area in Sec. 17	-----	13.28 Acres
Area in Sec. 19	-----	1.35 Acres
Area in Sec. 20	-----	<u>47.26 Acres</u>
Total Area	-----	61.89 Acres
Area listed	-----	58.06 Acres
Area unlisted	-----	3.83 Acres

IMPROVEMENTS

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

A frame barn, 16 x 12 ft., the long sides extending E.  
 and W., and the SE. cor. of which bears from Cor. No. 7 N. 10°  
 00' E., 2.17 chs. dist.  
 Value - - \$ 50.00

A frame shed 42 x 10 ft., the long sides extending E. and  
 W., and the SE. cor. of which bears from Cor. No. 7,  
 N. 19° 40' W., 2.87 chs. dist.  
 Value - - \$100.00

A log house 26 x 24 ft., the long sides extending N.  
 and S., the SE. cor. of which bears from Cor. No. 7  
 N. 63° 09' W., 3.16 chs. dist.

Chains

Value - - - \$300.00

A wire corral 66 x 45 ft., the long sides extending E. and W. and the SW. cor. of which bears from cor. No. 7 N. 15° 33' E., 1.77 chs. dist.

Value - - - \$ 10.00

Approximately 2 miles of wire fence, following very closely the lines of the claim.

Value - - - \$300.00

A small tank bears N. 10° E., 3 chs. from cor. No. 8.

DESCRIPTION

This claim comprises a long narrow park and is situated on the New State Highway from Flagstaff to Camp Verde.

It has a gentle slope to the North and is surrounded by yellow pine timber, a few trees of which are included within this survey. These trees comprise about 5000 feet board measure, and represent a value of about \$10.00.

The soil in the south end is a silt loam with clay subsoil, running to a clay loam with small stones imbedded in the surface on the north end.

At the time of survey approximately 35 acres on the south end were under cultivation and producing an abundant crop of oats.

Water for stock and domestic use is obtained from tank on southern portion of claim for part of year. Remainder of time water is hauled from spring 1/2 mile to south.

I saw no indication of mineral upon the claim.

Value - - - \$100.00



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS

chains

There are no conflicts or adjoining claims.

H. E. S. 370 of Roe N. Smith lies approximately 1/2 mile to South.

Flagstaff, Arizona, the nearest post office, railroad and market point, is 14 miles in a northerly direction and is reached by good wagon road.

TRAVERSE

Section 17.

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	N. 11° 32' E.	21.95	21.51		4.39	
2-3	N. 89° 30' E.	3.76	.03		3.76	
3-4	S. 1° 09' E.	21.48		21.48	.43	
4-1	S. 89° 45' W.	8.60		.04		8.60
		<u>55.79</u>	21.54	21.52	8.58	8.60
			<u>21.52</u>			<u>8.58</u>
	Error in Lat. and Dep.		.02			.02

Closing error 1:1972

Section 19.

X-9	N. 16° 18' W.	5.81	5.58			1.63
9-1	N. 2° 20' E.	14.58	14.57		.59	
1-X	S. 2° 57' E.	20.18		20.15	1.04	
		<u>40.57</u>	20.15	20.15	1.63	1.63

Closing error, None.

Section 20.

1-4	N. 89° 45' E.	8.60	.04		8.60	
4-5	S. 22° 32' E.	14.64		13.52	5.61	
5-6	S. 2° 57' E.	19.68		19.65	1.01	
6-7	S. 15° 33' W.	10.82		10.42		2.90
7-8	N. 89° 18' W.	4.48	.05			4.48
8-X	N. 16° 18' W.	24.36	23.38			6.84
X-1	N. 2° 57' W.	20.18	20.15			1.04
		<u>102.76</u>	43.62	43.59	15.22	15.26
			<u>43.59</u>			<u>15.22</u>
	Error in Lat. and Dep.		.03			.04

Closing error 1:2055

Survey completed May 13, 1918.

*R. P. Johnson*

Surveyor - Draftsman

NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

There are no conflicts or adjoining claims.  
 E. B. Smith's approximately 1/2 mile to  
 south.  
 Flagstaff, Arizona, the nearest post office, village  
 and market point, is 14 miles in a northerly direction  
 and is reached by good wagon road.

TRAVEL

Section 17.

Course	Dist.	N.	E.	W.
W. 11° 30' E.	41.95	41.81	4.39	
S. 23° 30' E.	37.05	33.08	27.70	
S. 1° 30' E.	47.45	47.18	1.18	
S. 89° 45' W.	8.00	8.00		8.00
Error in lat. and dep.		31.32	31.32	
Closing error 1:1075		31.32	31.32	
Error in lat. and dep.		30.00	30.00	

Section 18.

Course	Dist.	N.	E.	W.
N. 10° 15' W.	3.81	3.81		
S. 20° E.	14.58	14.17	4.31	
S. 73° 30' E.	20.18	19.18	7.04	
Error in lat. and Dep.		30.18	30.18	
Closing error 1:1075		30.18	30.18	

Section 20.

Course	Dist.	N.	E.	W.
S. 89° 45' W.	30.00	30.00		30.00
S. 88° 30' W.	12.04	12.04		
S. 77° 30' W.	19.88	19.88		
S. 10° 30' W.	10.82	10.82		
S. 89° 15' W.	4.48	4.48		
S. 10° 15' W.	23.33	23.33		
S. 2° 30' W.	20.18	20.18		
Error in lat. and Dep.		48.82	48.82	
Closing error 1:5075		48.82	48.82	

Survey completed May 15, 1918.

*[Signature]*  
 Surveyor - United States

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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. 371, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 19 and 20,			T. 19 N.	R. 7 E.					
	N. 89° 27' E.	45.89	44		45 89				
	S. 89° 18' E.	40.26		49	40 26				
	N. 0° 34' W.	40.43	40 43			40			
	N. 2° 21' W.	39.47	39 44			1 62			
	N. 87° 26' W.	40.40	1 81			40 36			
	S. 89° 45' W.	40.16		18		40 16			
	S. 85° 53' W.	25.17		1 81		25 10			
	S. 15° 03' E.	41.17		39 76		10 69			
	S. 15° 18' E.	41.16		39 70		10 86			
		554.11	82 12	81 94	107 70	107 64			
		Closing error 1:1864							
Sec 17									
	N. 3° 08' E.	40.06	40 00			2 19			
	N. 0° 43' W.	40.34	40 34				50		
	S. 89° 19' E.	78.20		94	78 89				
	S. 0° 41' W.	40.23		40 23			48		
	S. 0° 29' E.	40.53		40 53					
	N. 87° 26' W.	40.40	1 81			34	40 36		
	S. 89° 45' W.	40.16		18			40 16		
		320.62	82 15	81 88	81 42	81 50			
		Closing error 1:1139							

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CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 11° 32' E.	21.95	21 51		Sec. 17.		4 40	94 60	
2-3	N. 89° 30' E.	3.76	03		4 39		12 56	38	
3-4	S. 1° 09' E.	21.48		21 48	3 76		16 76	17	360
4-1	S. 89° 45' W.	8.60		04	43		8 60	34	
Closing	error, 1:1972	55.79	21 54	21 52	8 58		94 98	51	360
X-9	N. 16° 18' W.	5.81	5 58		Sec. 19.		1 63	9 10	20 / 202
9-1	N. 2° 20' E.	14.58	14 57		59		59	8 60	13
1-X	S. 2° 57' E.	20.18		20 15	1 04		2 22	44 73	28 Acres
Closing	error, None.	40.57	20 15	20 15	1 63		17 70	73	ET
1-4	N. 89° 45' E.	8.60	04		Sec. 20.		8 60	34	Acres E.P.T.
4-5	S. 22° 32' E.	14.64		13 52	5 61		22 82	53	
5-6	S. 2° 57' E.	19.68		19 65	1 01		29 46	18	
6-7	S. 15° 33' W.	10.82		10 42			27 58	38	
7-8	N. 89° 18' W.	4.48	05		8 60		20 20	1 01	
8-X	N. 16° 18' W.	24.36	23 38		5 61		8 89	207 76	
X-1	N. 2° 57' W.	20.18	20 15		1 01		1 03	20 74	
Closing	error in Lat. and Dep.	102.76	43 62	43 59	15 22		229 85	09	
	Closing error 1:2055		43 59		15 22		229	85	
			03	43 60	15 24		207945	24	Acres
			68	68	68		47	26	Acres

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			NORTH.	SOUTH.	Traverse of Listed Area EAST.	West.	1	2	1	2	1	2
19994 97981 ✓	N. 11° 32' E.	1.30	1	27		26		1	46	1	85	
58684 86972 ✓	N. 35° 56' E.	2.83	2	29	1	66		3	38	7	74	
08307 90647 ✓	N. 4° 49' E.	10.00	9	96		84		5	88	58	56	
19994 94981 ✓	N. 11° 32' E.	1.95	1	91		39		7	11	13	58	
31178 95015 ✓	N. 18° 10' E.	6.40	6	08	2	00		9	50	57	76	
008-3 ✓	N. 89° 30' E.	3.00	03	03	3	00		14	50	44	44	
09995 99567 ✓	S. 5° 20' W.	7.00					65	16	85			117
02855 99050 ✓	S. 1° 38' E.	7.03				20		16	40			115
1165- 99917 ✓	S. 6° 42' E.	7.53			7	48		17	48			180
38322 92366 ✓	S. 22° 32' E.	14.64			13	52	5	23	98			324
22827 97169 ✓	S. 13° 40' W.	6.01			5	84		28	18			164
17236 98486 ✓	S. 9° 59' E.	14.02			13	81	1	29	20			403
26808 96346 ✓	S. 15° 53' W.	10.82			10	42		28	75			299
01222 99919 ✓	N. 89° 18' W.	4.48		05				21	38	1	07	
28067 95981 ✓	N. 16° 18' W.	30.17	28	96	2	43		8	45	244	54	
04071 99917 ✓	N. 2° 20' E.	14.58	14	57		59		8	60	8	74	
			65	12	65	07	17	86	17	394	28	1555
			09		09		89	89	89		28	394
												20
												1161
												58
												06

2/3

Acres F.P.T

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			NORTH.	SOUTH.	EAST.	WEST.				
3-2/370	S. 87-42 W.	9.36		Tie from Cor. No. 3 HES 370 to cor. No. 7 HES 371	9 35					
2-1/370	S. 10-19 W.	9.75	9 59		1 75		.55 = 9.7403627			
1-24/19	S. 89-27 W.	5.36	05		5 36		27.67 = 1.4420092			
24/19	N. 15-18 W.	41.16	39 70		10 86		8.2983535			
25/29	N. 15-03 W.	41.17	39 76		10 69		N. 1° 08' 19" W.			
1/4 13/18	N. 85-53 E.	25.17	1 81			25 10	9.7403627			
1/371 - 9/371	S. 2-20 W.	14.58	14 57				8.2982241			
9/371 - 8/371	S. 16-18 E.	30.17	28 96		8 47		1.4421386			
8/371 - 7/371	S. 89-18 E.	4.48	05		4 48					
			81 27	53 60	38 05	38 60	27.68			
			53 60			38 05				
			27 67			55				
			Resultant course N. 1° 08' 19" W. 27.68 chs. E							

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona

May 29

, 1919

The foregoing field notes of Homestead Entry Survey No.

371

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

*Frank P. Trott*

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.