

ORIGINAL

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APR-2 1920

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

NOV 22 1918

JUL 1 - 1918

MAY 19 1920  
JUN - 4 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 376

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 3, surveyed, Township 22N., Range 8 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing John Sarlangue

Residence Cliffs, Arizona.

Application No. 274, dated October 5, 19 11

List No. 3-1949, dated June 13, 19, 12

*que is the best we can get from his signature*

*Oct. 5 1911 is correct date*

Applicant for survey Frank Onstott,

Residence Cliffs, Arizona

H. E. No. 029006, dated December 20, 19 15

Office  
Land District Phoenix, Arizona.

Survey executed by R. P. A. Johnson, Surveyor - Draftsman, Forest Service  
and A. W. Hendrix, Surveyor - Draftsman, Forest Service  
Under special instructions dated July 9, 19 15

Survey commenced October 30, 19 17

Survey completed June 10, 19 19

Under Acts of June 11, 1906 and March 4, 1917, and Oct. 1, 1918



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OATH OF ASSISTANTS

We hereby certify that we assisted R.P.A. Johnson in surveying all those

Surveyor Draftsman [Forest Service Title.] parts or portions of Homestead Entry Survey No. 376, 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 the oaths to Assistants; hence, they were taken by the Surveyor.

Charles Robinson  
Forest Ranger  
Henry Edwards  
Chainman

Subscribed and sworn to before me this fifteenth day of November, 1917.

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 instructions of the United States Surveyor General for Arizona, dated July 9, 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 3 - 1949, dated June 13, 1912; also a tract of land upon the application of John Sarlangue.

Sarlangue?

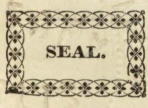
Application patent, No. 274, dated October 5, 1911, for the same to be known as Homestead Entry Survey No. 376, situated within the Cocconino National Forest, in surveyed Section 3, Township 22N., Range 8E., and surveyed Section -----, Township -----, Range -----.

of the Gila and Salt River Basins 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 eleventh day of March, 1918.

Ethel M. Gutchall  
Notary Public



8-2349



U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township , Range

of the

Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land Office

Survey executed by

[Forest Service Title]

Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of



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OATH OF ASSISTANTS

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

**A. W. Hendrix, Surveyor-**  
in surveying all those

parts or portions of Homestead Entry Survey No. **376**, 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 exoensive and incon-  
venient to appear before an  
officer to administer the  
oath to Assistant; hence,  
it was taken by the Surveyor.**

*Donald E. Garbison*  
-----  
**Chairman**

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

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

*A. W. Hendrix*  
-----  
**Surveyor-Draftsman, Forest Service,**

OATH OF SURVEYOR

I, **A. W. Hendrix, Surveyor - Draftsman, Forest Service,**  
[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**, 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 - 1949, dated June 13, 1912; also a tract  
of land upon the application of John Sarlangue,**

**Application**, No. **274**, dated **October 5, 1911**, for  
**Listing and Patent**, under the Act of **June 11, 1906**,  
the same to be known as Homestead Entry Survey No. **376**,  
situated within the **COCONINO** National Forest, in  
- surveyed Section **3**, Township **22 N.** Range **8 E.**, and  
- surveyed Section **---**, Township **---**, Range **---**,

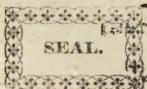
of the **GILA AND SALT RIVER BASE & meridian, ARIZONA**, and the  
related retracements and resurveys and section subdivisions, which are  
represented in the following field notes as having been surveyed by me;  
and I further solemnly swear that all the corners of said survey have  
been established 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.

*A. W. Hendrix*  
-----  
**Surveyor-Draftsman, Forest Service,**  
[Forest Service Title.]

Subscribed and sworn to before me this **12th** day of

**March**, 19**20**

*Lawrence R. Holbeeman*  
-----  
**Notary Public**



*Mycom. Expires  
Feb 1, 1923*





## COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, John Sarlangue; Application No. 274, dated October 5, 1911; List No. 3-1949 dated June 13, 1912; H. E. 029006 made in the Phoenix Land Office on December 20, 1915 by Frank Onstott. Also a small tract of unlisted land adjoining on the NE. was included in this survey in order to include in the survey improvements belonging to claimant. The land is agricultural in character, was desired by the entryman and will be listed as a basis for amendment of his entry. 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. 376.

Situated in Sec. 3, T. 22 N., R. 8 E., Gila and Salt River Base and Meridian within the Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, March 4, 1917, and October 1, 1918.

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Survey commenced October 30, 1917 and executed with a Buff and Buff transit, equipped with Smith solar attachment.

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.

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October 30, 1917, p.m.

At Cor. No. 1, hereinafter described, I observe Polaris for azimuth. The reading on the reference object W. of star is set at zero. My watch is set for l. m. t.



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COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Lat. 35° 19' 08" N. Long. 111° 32' 40" W. , from U. S. G. S. Flagstaff Quadrangle.

Table with 3 columns: Telescope, Time, Horizontal Angle. Rows include Direct, Reversed, Mean, Astron. l.m.t., U.C. Pol. October 30, 10h 55.9m, Astron. l.m.t. of obsn. October 30, 4h 43.3m, Hour Angle of Pol. at obsn. 6h 12.6m, Azimuth of Pol. 1° 22' 52" E., Bearing of reference object, N. 0° 0' 07" E.

October 30, 1917.

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

Table with 3 columns: Telescope, Time, Horizontal Angle. Rows include Direct, Reversed, Mean, Azimuth of Pol. at elongation, 1° 23' 08" E., Bearing of reference object N. 0° 0' 38" E.

The mean of these two observations is N. 0° 0' 23" E., and to the corresponding meridian all courses of this survey are referred.

RETRACEMENT AND RESURVEYS

Beginning at the 1/4 cor. bet. Secs. 3 and 4. I find the top of the original post and by excavating E. of the mound and between the pits, evidence of which still exist, I find the stump of this cor. No evidence of marked stone. At this point I set a malpais stone 24 x 10 x 8 ins., 16 ins. in the ground over a small



## COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains stone marked with a cross. I chisel 1/4 S on the W. face, dig pits 24 x 24 x 12 ins., on line N. and S. 3-1/2 ft., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

No bearings available.

Thence N. 1° 18' E. on a true line bet. Secs. 3 and 4 for a flag on the cor. to Secs. 3, 4, 33 and 34, Ts. 22 and 23 N., R. 8 E., which is plainly visible.

39.76 The cor. to Secs. 3, 4, 33 and 34, a lava stone 12 x 8 x 6 ins. above ground, marked with 3 notches on E. and W. edges, and witnessed as described by the Surveyor General.

October 30, 1917.

October 31, 1917.

From the 1/4 cor. bet. Secs. 3 and 34, on N. bdy. T. 22 N., R. 8 E., a post 3 x 3 x 12 ins. above ground, mkd 1/4 S on N. face, and witnessed as described by the Surveyor General. (Field notes from Surveyor General show this cor. as having been restored by James A. Lamport on July 25, 1902, and describe same as a lava stone 20 x 10 x 8 ins. set 14 ins. in ground. The witness trees agree with those described by the Surveyor General and the post appears to have been in place for several years ).

Thence South,

On random meridional 1/4 sec. line.

40.00 Set temp. pt. for center 1/4 cor.

80.00 Fall 112 lks. E. of 1/4 cor. bet. Secs. 3 and 10. The original cor. has been destroyed, but I determine true point by running N. 15° 00' W., 43 lks. from the stump of the original witness tree. This stump still retains the marks "1/4 S B T". I restore 1/4 cor. as follows: Set a post 36 x 4 x 4 ins., 24 ins. in the ground over a charred stake. I drive a nail at the point, scribe 1/4 S on N. face, dig pits 24 x 24 x 12 ins. E. and W.,



Chains 3-1/2 ft. dist., and raise a mound of earth 4 ft. base,  
2 ft. high, N. of cor., whence:

A pine 8 ins. dia., blazed and scribed 1/4 S B T  
bears N. 26° 47' E., 64 lks. dist.

A pine 10 ins. dia., blazed and scribed 1/4  
S B T bears S. 32° 22' E., 156 lks. dist.

I move temp. point for center 1/4 sec. cor. W. 56 lks.  
True line is S. 0° 48' W., 80.01 chs.

---

Return to 1/4 cor. bet. secs. 3 and 4, heretofore describ-  
ed.

Thence East.

On a random latitudinal 1/4 sec. line:

40.69 Fall 17-1/2 lks. N. of temp. point for center 1/4 sec. cor.  
on meridional 1/4 sec. line.

80.29 Fall 23 lks. S. of 1/4 cor. bet. secs. 2 and 3, a post  
3 ins. square, 2 ft. above ground, marked as described  
by the Surveyor General. Witnesses have fallen.  
True point for center 1/4 sec. cor. is therefore 29 lks.  
N. 0° 48' E. of temp. point.  
Thence S. 89° 50' W.  
On true latitudinal 1/4 sec. line.

39.60 Set temp. center 1/4 sec. cor. Also cor. No. 4 of this  
survey, hereinafter described.

80.29 The 1/4 cor. bet. secs. 3 and 4, heretofore described.

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Return to 1/4 cor. bet. Secs. 3 and 10, heretofore de-  
scribed.

Thence N. 0° 48' E.

On true meridional 1/4 sec. line.

40.30 Temp. center 1/4 sec. cor.

60.22 Proportional measurement point for 1/16 sec. cor. center  
N/2 Sec. 3, also cor. No. 3 of this survey, hereinafter  
described, determined by the following proportion:  
$$39.94 + \frac{39.78}{2} : 39.71 :: 20 : X = 19.92$$

80.01 The 1/4 sec. cor. bet. secs. 3 and 34, heretofore de-  
scribed.

October 31, 1917.



COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains R. P. A. Johnson, Surveyor-Draftsman, Forest Service

June 7, 1919.

In accordance with letter from Surveyor General dated January 20, 1919, I, A. W. Hendrix, Surveyor-Draftsman, Forest Service, together with Donald E. Harbison, Assistant, return to this claim for the purpose of making necessary retracement of the remaining boundaries of Sec. 3, T. 22 N., R. 8 E., Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

The retracement was executed with a Buff and Buff transit No. 10530 equipped with Smith solar attachment.

I test the adjustments of the transit and find them correct.

All distances are horizontal and were reduced from measurements made directly on the slope with a 400 link steel tape. The slope angles were determined with a clinometer.

June 7, 1919.

At the cor. of Secs. 3, 4, 33 and 34, Ts. 22 and 23 N.,

R. 8 E., heretofore described, Latitude  $35^{\circ} 19' 30''$  N., Long.  $111^{\circ} 32' 40''$  W., from U. S. G. S. Flagstaff

Quadrangle; At 7h. 14m. 12s. p.m., l.m.t., I observe Polaris with telescope direct reading an angle of

$92^{\circ} 15'$  to left to reference mark about 1 mile distant.

Greenwich m.t. U.C. Polaris June 7, 1919, 8h. 32.3m. a.m.

Correction for longitude, 1.2m.

l.m.t. of U.C. Polaris, June 7, 1919, 8h. 31.1m. a.m.

l.m.t. of observation, June 7, 1919, 7h. 14.2m. p.m.

Hour angle, 10h. 43.1m.

Azimuth of Polaris at observation, N.  $0^{\circ} 26' 18''$  W.

Bearing of reference mark, S.  $87^{\circ} 18' 42''$  W.

At the same station at 7h. 19m. 48s. p.m., l.m.t., I

again observe Polaris with telescope reversed, reading

an angle of  $92^{\circ} 16' 30''$  from star to same reference mark.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

l.m.t. of U. C. Polaris, June 7, 1919, 8h. 31.1m a.m.

l.m.t. of observation, June 7, 1919, 7h. 19.8m p.m.

Hour angle, 10h. 48.7m.

Azimuth of Polaris at observation, N. 0° 24' 30" W.

Bearing of reference mark, S. 87° 19' W.

The mean bearing of the reference marks as determined

from the two observations is S. 87° 18' 51" W. I

accept bearing of reference as S. 87° 19' W. and to

the meridian thus determined all courses of the survey

were referred by sustained angulation.

June 7, 1919.

June 8, 1919.

Beginning at the cor. of Secs. 3, 4, 33 and 34, hereto-

fore described.

Thence S. 89° 45' E. (Record course N. 89° 59' E.)

On random line bet. Secs. 3 and 34, W/2.

40.21 Fall 20 lks. South of 1/4 cor. heretofore described.

True line is N. 89° 58' E., 40.21 chs.

Thence S. 89° 41' E. (Record course N. 89° 59' E.)

On random line bet. Secs. 3 and 34, E/2.

40.69 Intersect the cor. of Secs. 2, 3, 34 and 35, which is a

post 4 ins. square, 3 ft. above ground, marked T 23 N

S 35 on NE., R 8 E S 2 on SE., T 22 N S 3 on SW. and

S 34 on NW. faces, and witnessed as described by the

Surveyor General. The post is badly decayed and the

bearing trees have fallen down.

I destroy all trace of old cor. and in same place set

a malpais stone 8 x 14 x 16 ins. in mound of stone

3 ft. base, 1 ft. high, marked with 2 notches on East

and 4 notches on West faces, whence:

A pine 24 ins. dia., marked T 23 N R 8 E

S 34 B T, bears N. 80° 25' W., 238 lks.



Chains

dist. (New B T)  
A pine 24 ins. dia. marked T 23 N R 8 E  
S 35 B T, bears N. 13° 10' E., 318 lks.  
dist. (New B T)

Note: (Field notes from Surveyor General show this cor. as having been restored by James A. Lamport on July 25, 1902, and describe same as a lava stone 15 x 10 x 10 ins. set 10 ins. in ground. The cor. found, however, was a post, and agrees with the description as recorded in the O. D. Wheeler survey of 1883.)

Thence S. 2° 26' W. (Record course S. 0° 17' E.)

On true line bet. secs. 2 and 3, N/2.

(Flag on 1/4 cor. plainly visible.)

39.29 The 1/4 cor. bet. Secs. 2 and 3, a post 3 ins. square, 2 ft. above ground, marked as described by the Surveyor General. Post is badly decayed. I therefore destroy all trace of same, and in its place set a malpais stone 8 x 12 x 16 ins. 10 ins. in the ground, marked 1/4 on W. face. (Old witness trees have fallen.)

A pine 24 ins. dia. marked 1/4 S 2 B T, bears S. 34° 30' E., 16 lks. dist. (New B T)

A pine 16 ins. dia. mkd. 1/4 S 3 B T, bears N. 52° 20' W., 20 lks. dist. (New B T)

Thence S. 2° 26' W. (Record course S. 0° 17' E.)

On random line bet. Secs. 2 and 3.

39.49 After careful search find no trace of cor. for Secs. 2, 3, 10 and 11.

79.49 After careful search find no trace of 1/4 cor. bet. Secs. 10 and 11.

Continue measurement.



Chains

121.82 Fall 587 lks. West of cor. to Secs. 10, 11, 14 and 15, which is a post 4 ins. square, 18 ins. above ground, mkd. T 22 N., S 11 on NE. face; R 8 E S 14 on SE. face; S 15 on SW face, and S 10 on NW. face, with 2 notches on E. and 4 notches on S. edges, whence:

Pine 24 ins. dia., mkd. T 22 N R 8 E S 14 B T

bears N. 70° W., 14 lks. dist. (Old B T)

Pine 16 ins. dia. mkd. T 22 N R 8 E S 15 B T

bears S. 69° 45' W., 47 lks. dist. (New B T)

Pine 14 ins. dia. mkd. T 22 N R 8 E S 11 B T

bears N. 46° 15' E., 148 lks. dist. (New B T)

Pine 16 ins. dia. mkd. T 22 N R 8 E S 14 B T

bears S. 22° 25' E., 166 lks. dist. (New B T)

Note: Cor. was restored September 23, 1915, by Charles D. Hodson, Surveyor-Draftsman, Forest Service, in connection with the survey of H. E. S. No. 375.

Thence N. 0° 20' W.,

On true line bet. cor. of Secs. 10, 11, 14 and 15, and the 1/4 cor. bet. Secs. 2 and 3.

81.14 Proportionate point for cor. of Secs. 2, 3, 10 and 11, on meridional line, determined by the following proportion:

120.00 (record) : 121.71 (measured) :: 80.00 (record)

(: X = 81.14. Set temp. stake.

121.71 The 1/4 cor. bet. Secs. 2 and 3, heretofore described.

From 1/4 cor. bet. Secs. 3 and 10, heretofore described,

Thence East, (Record course S. 89° 47' E.)

On random line bet. Secs. 3 and 10.

81.16 Fall 62 lks. South of 1/4 cor. bet. Secs. 2 and 11,

which is a post 3 ins. square, 2 ft. above ground, with small mound of stones around same, marked as described by the Surveyor General. Post is badly



## COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains decayed. I therefore destroy all trace of same and in its place set a malpais stone 6 x 12 x 16 ins. 10 ins. in the ground marked 1/4 on N. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high N. of cor.

No witnesses available. Pits impracticable.

June 8, 1919.

June 9, 1919.

Thence S. 89° 33' W.

On true line bet. 1/4 cor. Secs. 2 and 11 and 1/4 cor. bet. Secs. 3 and 10.

40.44 Proportionate point for cor. of Secs. 2, 3, 10 and 11, on latitudinal line, as determined by the following proportion: 80.24 (Record : 81.16 (measured))  
:: 39.98 : X = 40.44. Set temp. stake.

81.16 The 1/4 cor. bet. Secs. 3 and 10, heretofore described.

Return to proportionate point for cor. to Secs. 2, 3, 10 and 11; set on latitudinal line and run South 39 lks. and set a stake. Then from the proportionate point on the meridional line I run East and at 33 lks. intersect the stake set South 39 lks. from the proportionate point on latitudinal line, which determines the point for cor. to Secs. 2, 3, 10 and 11.

I reestablish this cor. as follows:

Set an aspen post 4 ins. square 3 ft. long, 24 ins. in the ground, mkd. with 2 notches on E. and 5 notches on S. faces; and raise a mound of stone 2 ft. base, 1-1/2 ft. high west of cor., whence:

A pine 26 ins. dia. mkd. T 22 N R 8 E S 2 B T

bears N. 36° 42' E., 567 lks. dist. (New B T)

No other witnesses available. Pits impracticable.

1/4 cor. bet. Secs. 2 and 11, heretofore described,



## COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

bears N. 89° 00' E., 40.44 chs. dist.

1/4 cor. bet. Secs. 2 and 3, heretofore de-  
scribed brs. N. 0° 48' W., 40.57 chs. dist.

1/4 cor. bet. Secs. 3 and 10, heretofore de-  
scribed, brs. N. 89° 53' W., 40.72 chs. dist.

Cor. to Secs. 10, 11, 14 and 15, heretofore de-  
scribed, brs. S. 0° 06' E., 81.14 chs. dist.

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Thence S. 0° 06' E.

On a true line bet. Secs. 10 and 11, N/2.

40.57 Proportionate point for 1/4 cor., which I reestablish  
as follows:

Set a pine post 4 ins. square, 3 ft. long, 24 ins. in  
ground, mkd. 1/4 S on West face, whence:

Pine 24 ins. dia., mkd. 1/4 S 11 B T,  
bears N. 77° E., 33 lks. dist.

Pine 12 ins. dia., mkd. 1/4 S 10 B T,  
bears S. 67° 10' W., 69 lks. dist.

June 9, 1919.

---

June 10, 1919.

Return to 1/4 cor. bet. Secs. 3 and 10, heretofore de-  
scribed.

Thence West, (Record course N. 89° 47' W.)

On random line bet. Secs. 3 and 10.

40.00 After careful search can find no trace of cor. of Secs.  
3, 4, 9 and 10.

Continue measurement.

80.00 After careful search find no trace of 1/4 cor. bet.  
Secs. 4 and 9.

119.94 Fall 108 lks. N. of pt. for cor. of Secs. 4, 5, 8 and 9.  
Cor. is recorded by Surveyor General as a sandstone  
20 x 10 x 4 ins., 15 ins. in ground with md. of stone  
and three witness trees. The cor. stone is missing,



COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains but I find the mound of stone and witness trees marked as described by the Surveyor General. I therefore restore cor. from call of the witnesses as follows:  
Set a malpais stone 6 x 12 x 24 ins. in mound of stone 3 ft. base, 1-1/2 ft. high, marked with 4 notches on East and 5 notches on South faces. (Note: It was impracticable to set stone in ground).

Thence N. 89° 29' E.

On true latitudinal line bet. cor. of Secs. 4, 5, 8 and 9, and 1/4 cor. bet. Secs. 3 and 10.

79.69 Proportionate point for cor. of Secs. 3, 4, 9 and 10, on latitudinal line determined by the following proportion:

$$\begin{aligned} & 119.98 \text{ (record)} : 119.94 \text{ (measured)} :: 79.72 \\ & \text{(record)} : X = 79.69. \text{ Set temp. stake. } X \end{aligned}$$

119.94 1/4 cor. bet. Secs. 3 and 10, heretofore described.

From the 1/4 cor. bet. Secs. 3 and 4, heretofore described,

Thence S. 0° 13' W. (Record course S. 0° 13' W.)

On random line bet. Secs. 3 and 4, S/2.

40.00 Again make careful search for cor. of Secs. 3, 4, 9 and 10, but find no trace of same; continue measurement.

80.00 Make careful search for the 1/4 cor. bet. Secs. 9 and 10, but find no trace.

121.17 Fall 66 lks. N. 89° 47' W. of cor. of Secs. 9, 10, 15 and 16, which is an iron pipe 2 ins. dia., 6 ins. above ground, marked with 4 notches on S. and 3 notches on E. sides, witnessed as follows:

A pine 42 ins. dia., mkd. T 22 N R 8 E S 15 B T

brs. S. 70° 05' E., 218 lks. dist.

A pine 36 ins. dia., mkd. T 22 N R 8 E S 9 B T

brs. N. 83° 08' W., 23 lks. dist.



COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

A pine 52 ins. dia., mkd. T 22 N R 8 E S 16 B, T  
brs. S. 65° 00' W., 46 lks. dist.

Note: The above cor. was restored by Charles D. Hodson,  
Surveyor-Draftsman, Forest Service, on September 25,  
1915, in connection with the survey of H.E.S. No. 374.

Thence N. 0° 06' W.

On true line bet. Secs. 9, 10, 15 and 16, and 1/4 cor.  
bet. Secs. 3 and 4.

80.78 Proportionate point for cor. to Secs. 3, 4, 9 and 10,  
on meridional line, determined by the following pro-  
portion:

$$120.00 \text{ (record)} : 121.17 \text{ (measured)} :: 80 \text{ (record)} :$$

$$X = 80.78. \text{ Set temp. stake. } X :$$

121.17 The 1/4 cor. bet. Secs. 3 and 4, heretofore described.

Return to proportionate point set on meridional line for  
cor. to Secs. 3, 4, 9 and 10, and run S. 89° 29' W.,  
.21 lks. and set temp. stake. Then I run N. 0° 06' W.  
from the proportionate point set on a latitudinal  
line and at 17 lks. intersect stake set S. 89° 29' W.,  
21 lks. from proportionate point on meridional line,  
which determines the point for cor. to Secs. 3, 4, 9  
and 10. I reestablish the cor. as follows:

Set a malpais stone 8 x 12 x 26 ins. 18 ins. in ground,  
mkd. with 3 notches on East and 5 notches on South  
faces. This cor. falls on edge of road. I therefore  
set an iron pipe 2 ins. dia., 24 ins. long, 24 ins. in  
the ground, alongside of cor. as additional witness;  
raise a mound of stone 3-1/2 ft. base, 1-1/2 ft. high,  
around cor. and pipe, whence:

SW. cor. frame house brs. N. 85° 50' E.,  
377 lks. dist.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains NE. cor. frame barn, brs. S. 55° 15' W., 460 lks. dist.

No other witnesses available. Pits impracticable.

1/4 cor. bet. Secs. 3 and 4, heretofore described, brs. N. 0° 13' E., 40.39 chs. dist.

1/4 cor. bet. Secs. 3 and 10, heretofore described, brs. N. 89° 44' E., 40.25 chs. dist.

Cor. to Secs. 9, 10, 15 and 16, heretofore described, brs. S. 0° 15' E., 80.78 chs. dist.

Cor. to Secs. 4, 5, 8 and 9, heretofore described, brs. S. 89° 21' W., 79.69 chs. dist.

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Thence S. 89° 21' W. On a true line bet. Secs. 4 and 9, E/2. Proportionate point for 1/4 cor. To reestablish same as follows:

Set a granite stone 10 x 12 x 18 ins., 12 ins. in ground, mkd. 1/4 on West face; dig pits 18 x 18 x 36 ins. crosswise on line N. 89° 21' E. and S. 89° 21' W. of cor. and raise mound of earth 3 ft. base, 1-1/2 ft. high, North of cor.

---

Return to cor. of Secs. 3, 4, 9 and 10, heretofore described.

Thence S. 0° 15' E. On a true line bet. Secs. 9 and 10, N/2. Proportionate point for 1/4 cor. To reestablish same as follows:

Set a malpais stone 6 x 8 x 18 ins., 12 ins. in ground marked 1/4 on W. face; dig pits 18 x 18 x 36 ins. crosswise on line N. 0° 15' W. and S. 0° 15' E. of cor. and raise mound of earth 3 ft. base, 1-1/2 ft. high,



Chains West of cor. . . . .  
 . . . . . June 10, 1919.  
 A. W. Hendrix, Surveyor - Draftsman, Forest Service.  
 -----  
 BOUNDARIES OF CLAIM  
 R. P. A. Johnson, Surveyor - Draftsman, Forest Service.  
 November 1, 1917.  
 Beginning at Cor. No. 1 . . . . .  
 Identical with the 1/4 cor. bet. Secs. 3 and 4, heretofore described. I chisel same stone + on top for Cor. No. 1 of this survey and set a malpais stone 20 x 10 x 8 ins., 1 lk. N., 12 ins. in the ground, chiseled 1 - H E S 376 on NW. face; and dig pit 24. x 24 x 12 ins., E. of cor. and add earth to mound W. of cor.  
 Lat. 35° 19' 08" N., Long. 111° 32' 40" W., obtained from U. S. G. S. Flagstaff Quadrangle.  
 Mag. decl. at 8h. 00m., a.m., l.m.t., 14° 50' E., Mean Mag. decl. 14° 47' E.  
 -----  
 Thence N. 1° 18' E.  
 Over level land. On line bet. Secs. 3 and 4, in center of fenced roadway. Traveled road is 20 lks. E. of line.  
 20.00 After careful and diligent search I was unable to find any evidence of cor. H-2 of the list survey.  
 35.10 Center of traveled road, bears N. and S. 10° E.  
 37.50 Center of traveled road, bears S. and NNW.  
 37.74 After careful and diligent search, I was unable to find any evidence of Cor. H-1 of the list survey.  
 Leave listed and enter unlisted land.  
 39.76 To Cor. No. 2 . . . . .  
 Identical with Cor. to Secs. 3, 4, 33 and 34, heretofore described. I chisel same stone + on top for cor.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains No. 2 of this survey, and at a point 1 lk. W. thereof  
 set a pine post 36 x 2 x 3 ins., 20 ins. in the ground,  
 -mkd. 2 H E S 376 on S.E. face, whence from + on cor.,  
 A yellow pine 24 ins. dia., bears S. 63° 40' W.,  
 77 lks. dist., scribed 2 H E S 376 + B T  
 A yellow pine 14 ins. dia., brs. N. 59° 05' E.,  
 131 lks. dist., scribed 2 H E S 376 + B T

Thence S. 63° 48' E.,

Across open-level land,  
 1.00 Wire fence, bears N. and S. and cor. from which fence  
 bears S. 60° E., brs. S. 2.30 chs. dist.

13.00 Leave open flat and ascend 20 ft. in scattering timber  
 to ridge.

16.00 Top of ridge, bears NNE. and SSW. Descend 15 ft. in  
 scattering timber.

20.00 Foot, descent. Ascend 20 ft., in scattered timber to  
 saddle.

24.50 Saddle. Descend 30 ft. in scattered timber to cor.

44.65 To Cor. No. 3 and 1/16 cor. on meridional 1/4 Sec. line,  
 through center of N/2, Sec. 3. Set a pine post 40 x  
 4 x 4 ins., 28 ins. in the ground, over a charred stake.  
 I drive a nail at the point, scribed 3 - H E S 376 on SW.  
 face, 1/16 S on NW. face, dig pits 24 x 24 x 12 ins.  
 crosswise on this and the succeeding course 7 ft. dist.  
 and raise a mound of earth 4 ft. base, 2 ft. high, SW.  
 of cor., whence:

A pine 24 ins. dia., blazed and scribed

1/16 - 3 H E S 376 + B T, brs. S. 21° 54' W., 154 lks. dist.

A pine 16 ins. dia., blazed and scribed

1/16 - 3 H E S 376 + B T, brs. S. 79° 31' E., 152 lks. dist.



Chains . . . 1/4 cor. bet. Secs. 3 and 34, heretofore de- scribed, brs. N. 0° 48' E., 19.82 chs.

After strict search I am unable to find cor. H-3 of the list survey, which is reported 5.00 chs. W. of this cor.

---

Thence S. 0° 48' W.,  
Over listed land,  
Through scattering pines along meridional 1/4 sec. line.  
Fence on line.

3.00 Cor. fence; fences bear S. and WNW. and along line.

19.92 To Cor. No. 4, and center 1/4 sec. cor.  
Set a pine post 42 x 4 x 4 ins., 30 ins. in the ground over a charred stake. I drive a nail at the point, scribe 4 H E S 376 on NW. face, C 1/4 S on NE. face; and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth 4 ft. base, .2 ft. high, NW. of cor., whence:  
A pine 8 ins. dia., blazed and scribed  
C 1/4 S - 4 H E S 376 + B T, brs. N. 78° 14' W., 25 lks. dist.  
A pine 8 ins. dia., blazed and scribed  
C 1/4 S - 4 H E S 376 + B T, brs. S. 54° 32' W., 22 lks. dist.  
Cor. of fence, from which fences bear N. and W., brs. South 120 lks. dist.

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Thence S. 89° 50' W.  
Along latitudinal 1/4 sec. line.

0.90 Leave timber, bears N. and S.

39.90 Fence, bears N. and S. and fence cor. bears S. 50 lks. dist.

40.45 Traveled road, bears N. and S.

40.69 To Cor. No. 1 and place of beginning.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains	Area
Listed Area	111.44 Acres.
Unlisted Area	9.61 Acres.
Total Area	121.05 Acres.

IMPROVEMENTS

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

A frame barn 48 x 24 ft., the long side bearing N. and S., and the NW. cor. of which bears from Cor. No. 2, on at S. 41° 37' E., 10.50 chs. dist.

Value - - - - - \$ 250.00

A frame shed 20 x 10 ft., the long side bearing N. and S. and the NW. cor. of which bears from Cor. No. 2, S. 47° 53' E., 10.25 chs. dist.

Value - - - - - \$ 25.00

A frame house 24 x 14 ft., the long side of which bears N. and S., and the NW. cor. of which bears from Cor. No. 2, S. 58° 55' E., 9.83 chs. dist.

Value - - - - - \$ 250.00

A tent house 14 x 10 ft., the long side of which bears E. and W., and the NW. cor. of which bears from Cor. No. 2, S. 55° 10' E., 9.95 chs. dist.

Value - - - - - \$ 75.00

A reservoir or tank, 10 ft. deep, 25 x 15 ft., bears S. 45° E., 12 chs. dist. from Cor. No. 2,

Value - - - - - \$ 75.00

Ventilator of potato cellar, 18 x 12 ft., bears from cor. No. 2, S. 53° 56' E., 9.50 chs. dist.

Value - - - - - \$ 150.00

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

Value - - - - - \$ 300.00



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

DESCRIPTION

This claim lies in the N. end of Black Bill Park, on the Flagstaff-Grand Canyon highway at an elevation of 6,720 ft. and there is no evidence of drainage in any direction. The soil is black loam heavily mixed with volcanic ash. Good crops of grain hay and potatoes have been raised. There was approximately 80 acres in cultivation at time of survey.

Water for domestic purposes is hauled a distance of nine miles. Water for stock is obtained from tank on the claim the greater portion of the year. There is no water for irrigation.

There is a small stand of scattering pine along lines 2-3 and 3-4, which will total approximately 10 M.B.F. I saw no indication of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. E. 014838, E. B. Brown, entryman, and List 3-4164, dated August-31, 1917, listed upon application of Frank Onstott, and particularly described as W/2 NE/4 SW/4, N/2 NE/4 NE/4 SW/4, SW/4 NE/4 NE/4 SW/4, and W/2 SE/4 SW/4, Sec. 3, T. 22. N., R. 8 E., joins this survey on the South.

H. E. 014802, Jose Roybal, entryman, joins this claim on the West.

Cliffs, Arizona, the nearest post office and railroad point is 9 miles in a southerly direction. Flagstaff, Arizona, the nearest market point is 15 miles in a southwesterly direction. Each are reached by excellent wagon roads.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE

chains

Course	Dist.	N.	S.	E.	W.
N. 1° 18' E.	39.76	39.75		.90	
S. 63° 48' E.	44.65		19.71	40.06	
S. 0° 48' W.	19.92		19.92		.28
S. 89° 50' W.	40.69		.12		40.69
	145.02	39.75	39.75	40.96	40.97
Error in Lat. and Dep.		<u>39.75</u>			<u>40.96</u>
		.00			.01

Closing Error, 1:14502

Survey completed November 1, 1917.

*A. L. Johnson*

Surveyor-Draftsman, Forest Service,

*W. J. Hendrix*

Surveyor-Draftsman, Forest Service,



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NATIONAL FOREST

STATE OF

Chains	BEAR RIVER				Chains
	1.5	3	4	1.5	
	30		39.75	39.75	1. 1° 18' E
	30.04	40.00		44.88	2. 63° 48' E
83.		38.81		38.81	3. 0° 48' W
40.00		31		40.89	4. 83° 30' W
40.00	30.04	38.75	39.75	40.00	
40.00			39.75		
10.			00.		

Survey completed November 1, 1914.

Closing Error, 1:14302

Error in Lat. and Long.



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. 376, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 1°18'E.	39.76	39 75		90		90		
2-3	S. 63°48'E.	44.65		19 71	40 06 40 06		41 87	35 78	825 26
3-4	S. 0° 48'W.	19.92		19 92		28	81 66		1626 67
4-1	S. 89°50'W.	40.69		12		40 69	40 69		4 88
		145.02	39 75	39 75	40 95	40 97		35 78	2456 81
	Error in Departure.				40 97	48 96			35 78
	Closing Error. 1:14502				40 97	48 96			20/2421 03
					01				121 05
									Acres.

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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.  
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 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. 376, STATE OF ARIZONA - COCHUINO

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	N. 89° 58' E.	40.21	02		40 21'				
	S. 89° 41' E.	40.69'		22	40 69"				
	S. 2° 26' W.	39.29'		39 25		1 67			
	S. 0° 48' E.	40.57'		40.57	57				
	N. 89° 53' W.	40.72'	08			40 72'			
	S. 89° 44' W.	40.25'		19		40 25'			
	N. 0° 13' E.	40.39'	40 39'		15				
	N. 1° 18' E.	39.76'	39 75'		90				
			80 24	80 23'	82 52	82 64			

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 7, 1920

The foregoing field notes of Homestead Entry Survey No.

376

executed by *R. P. A. Johnson & A. H. Hendrix, Surveyors. Draftsmen*  
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.