

**ORIGINAL**

137

E.M.H.

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

page 5

JUN 27 1916  
MAR 1 1920

APR - 2 1920

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 375

SITUATED IN THE **COCONINO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 14, --surveyed, Township 22 N., Range 8 E.

of the

Gila and Salt River Base and Meridian.

State of

**ARIZONA**

Applicant for listing **John Witzel,**

Residence **Cliffs, Arizona.**

Application No. **128**, dated **September 17, 1909**

List No. **3-691**, dated **September 6, 1910**

Applicant for survey **John J. Burke,**

Residence **Cliffs, Arizona.**

H. E. No. **017148**, dated **April 6, 1912**

Office **Phoenix, Arizona**  
Land District

Survey executed by **Charles D. Hodson, Surveyor - Draftsman, Forest Service.**  
**and A.W. Hendrix, Surveyor - Draftsman, Forest Service.**

Under special instructions dated **July 9, 1915**

Survey commenced **September 23, 1915**

Survey completed **June 12, 1919.**

Under Acts of **June 11, 1906 and March 4, 1915 & Oct. 1, 1918.**



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375

OATH OF ASSISTANTS

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

parts or portions of Homestead Entry Survey No. **375**, in the State  
of **Arizona**, which are represented in the following field notes  
as having been surveyed by him and under his direction; and that said  
survey has been in all respects, to the best of our knowledge and  
belief, well and faithfully surveyed, and the corner monuments estab-  
lished, according to the instructions furnished by the United States  
Surveyor General for **Arizona**.

Note: It would have been  
very expensive and incon-  
venient to appear before an  
officer to administer oaths  
to Assistants; hence, they  
were taken by the Surveyor.

-----  
*Douglas E. Meister*, Chairman  
*Bud Owens*, Chairman  
-----

Subscribed and sworn to before me this **24th** day of  
**September**, 19**15**.

-----  
*Charles D. Hodson*  
-----  
**Surveyor - Draftsman**

OATH OF SURVEYOR

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

do solemnly swear that, in strict conformity with the special instruc-  
tions of the United States Surveyor General for **Arizona**, dated  
**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**, No. **3-691**, dated **Sept. 6**, 19**10**, for  
**Patent**, under the Act of **June 11**, 19**06**,  
the same to be known as Homestead Entry/Survey No. **375**,  
situated within the **COCONINO** National Forest, in  
- surveyed Section **14**, Township **22 N.**, Range **8 E.**, and  
- surveyed Section - - - - , Township - - - - , Range - - - - ,

of the **G. and S. R. B. and** meridian, **Arizona**, and the  
related retracements and resurveys and section subdivisions, which are  
represented in the following field notes as having been surveyed by me;  
and I further solemnly swear that all the corners of said survey have been  
established and perpetuated in strict accordance with the stated special  
instructions, and in the specific manner described in the field notes,  
and that the following are the original field notes of such survey.

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

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

-----  
*Elsie C. Myers*  
*Interim Public*  
-----



8-2349

My Commission expires April 20, 1918.



U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. **375**

SITUATED IN THE **COCONINO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. **3**

In Section **14**, -- surveyed, Township **22 N.**, Range **8 E.**

of the

**GILA AND SALT RIVER BASE & Meridian.**

State of

**ARIZONA**

Applicant for listing	<b>John Witzel,</b>
Residence	<b>Cliffs, Arizona.</b>
Application No. <b>128</b>	, dated <b>September 17, 19 09</b>
List No. <b>3-691</b>	, dated <b>September 6, 19 10</b>

Applicant for survey	<b>John J. Burke,</b>
Residence	<b>Cliffs, Arizona.</b>
H. E. No. <b>017148</b>	, dated <b>April 6, 19 12.</b>
Land Office	<b>, Phoenix, Arizona</b>

Survey executed by	<b>Charles D. Hodson, Surveyor-Draftsman, Forest Service,</b>
	<b>and A. W. Hendrix, Surveyor - Draftsman, Forest Service,</b>
Under special instructions dated	<b>July 9, 19 15</b>
Survey commenced	<b>September 23, 19 15</b>
Survey completed	<b>June 12, 19 19</b>
Under Acts of	<b>June 11, 1906 and March 4, 1915 and Oct. 1, 1918.</b>



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OATH OF ASSISTANTS

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

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

parts or portions of Homestead Entry Survey No. **375**, 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 inconvenient to appear before an officer to administer oaths to Assistant; hence, it was taken by the Surveyor.**

*Donald Harrison*  
Chairman

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

**June** 1919

*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**, 1915, and the laws of the United States, I have  
well, faithfully, and truly, in my own proper person, surveyed a tract  
of land **embraced in**

**List**, No. **3-691**, dated **September 6, 1910**, for  
**Patent**, under the Act of **June 11**, 1906,  
the same to be known as Homestead Entry Survey No. **375**,  
situated within the **COCONINO** National Forest, in  
- surveyed Section **14**, Township **22 N.**, Range **8 E.**, and  
- surveyed Section **--**, Township **---**, Range **---**,

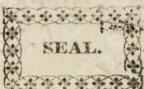
of the **GILA AND SALT RIVER BASE & meridian, ARIZONA**, and the  
related retracements and resurveys and section subdivisions, which are  
represented in the following field notes as having been surveyed by me;  
and I further solemnly swear that all the corners of said survey have  
been established 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 **26<sup>th</sup>** day of

*January*, 1920

*Sam. R. Holdeman*  
Notary Public



*My term expires  
Feb 11 1923*



## COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, John Witzel; Application No. 128, dated September 17, 1909; List No. 3-691, dated September 6, 1910; H. E. 017148 made in the Phoenix Land Office on April 6, 1912 by John J. Burke.

Surveyed under special instructions from the Surveyor General for Arizona, dated July 9, 1915 and designated as Homestead Entry Survey No. 375.

Situated in sec. 14, 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 and March 4, 1915, and October 1, 1918.

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Survey commenced September 23, 1915, and executed with a Buff and Buff transit No. 9700-6, equipped with Smith solar attachment.

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

All measurements were made directly on the slope with an 800 link steel tape. The slope angles were determined with a clinometer.

---

September 23, 1915.

At the 1/4 cor. bet. secs. 14 and 23, hereinafter described, I observe the altitude of the sun for azimuth. The reading on the reference object is set at zero and the sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time.

Latitude  $35^{\circ} 17' 30''$  N. Long.  $111^{\circ} 31' 10''$  W.



Chains	Telescope	l.m.t.	Horizontal Angle	Vertical Angle
(1)	Direct	4h. 50m. 10s.	81° 04' 00"	12° 26' 30"
	Reverse	4h. 50m. 59s.	80° 39' 30"	12° 50' 30"
	Mean	4h. 50m. 35s.	80° 51' 45"	12° 38' 30"
	Azimuth of sun at obsn., S. 80° 50' 24" W.			
	Bearing of reference object, S. 0° 01' 21" E.			
(2)	Direct	4h. 51m. 50s.	81° 19' 30"	12° 05' 30"
	Reverse	4h. 52m. 25s.	80° 52' 00"	12° 32' 00"
	Mean	4h. 52m. 07s.	81° 05' 45"	12° 18' 45"
	Azimuth of sun at obsn., S. 81° 05' 20" W.			
	Bearing of reference object, S. 0° 00' 25" E.			
	Mean of two obsns., S. 0° 00' 53" E., and from the			

corresponding meridian all the courses of this survey are deflected.

September 23, 1915.

RETRACEMENT AND RESURVEYS

September 23, 1915.

Beginning at the cor. to secs. 14, 15, 22 and 23,

T. 22 N., R. 8 E., a malpais stone 10 x 10 x 8 ins.

above ground, marked and witnessed as described by

the Surveyor General.

Thence N. 1° 01' W.

On a random line bet. secs. 14 and 15.

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

79.23 Intersect point for cor. secs. 10, 11, 14 and 15, which I determine by running S. 70° 00' E., 14 lks. from a pine tree 24 ins. dia., blazed and scribed as described by the Surveyor General. At this point I set a post



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains 4 ft. long, 4 ins. square, 30 ins. in the ground, over a quart of charcoal, marked 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. Dig pits 18 x 18 x 12 ins. in each section; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor., whence:

A pine 24 ins. dia., mkd. T 22 N R 8 E S 10 B T, brs. N. 70° W., 14 lks. dist. (old B.T.)

Pine 16 ins. dia., mkd. T 22 N R 8 E S 15 B T, brs. 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, brs. 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, brs. S. 22° 25' E., 166 lks. dist. (New B.T.)

Thence S. 1° 01' E.

On true line bet. Secs. 14 and 15.

39.615 Set a malpais stone 24 x 16 x 12 ins., 14 ins. in the ground, over a small stone marked with a cross, marked 1/4 on West face, dig pits 24 x 24 x 12 ins. North and South 3-1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, West of cor., whence:

A yellow pine, 8 ins. dia., blazed and scribed 1/4 S B T, brs. N. 78° 52' E., 111 lks. dist.

A yellow pine, 6 ins. dia., blazed and scribed 1/4 S B T, brs. N. 21° 58' W., 24 lks. dist.

62.39 Intersect cor. No. 6 and C. C. of H. E. S. No. 87, a malpais stone 14 x 14 x 10 ins. above ground, marked C C on NW. face and 6 - H E S 87 on S. face, with mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. NW. of cor.

70.84 Intersect cor. No. 3 and C. C. of H. E. S. No. 87, a malpais stone 6 x 6 x 10 ins. above ground, marked



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains C C on SE. face and 3 - H E S 87 on N. face, with a mound of earth SE. of cor.

79.23 Cor. Secs. 14, 15, 22 and 23.

Thence N. 88° 49' E. 31 1/2

On a true line bet. Secs. 14 and 23, for a flag at the 1/4 sec. cor. which is plainly visible.

5.74 Intersect cor. No. 2 and C. C. of H. E. S. 87, a malpais stone 13 x 6 x 10 ins. above ground, marked C C on NW. face and 2 - H E S 87 on NE. face, with mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor.

40.77 The 1/4 cor. bet. Secs. 14 and 23, also cor. No. 1 of H. E. S. 87, a malpais stone 10 x 10 x 8 ins. above ground, marked 1/4 on N. face, C C on NW. face and 1 - H E S 87 on SW. face, with pits E. and W. and mound of earth N. of cor.

Thence North,

On a random meridional 1/4 sec. line.

78.23 Fall 181 lks. E. of 1/4 cor. bet. Secs. 11 and 14, a pine post 3 x 3 x 18 ins. above ground, marked and witnessed as described by the Surveyor General. I additionally mark another bearing tree as follows:

A yellow pine, 10 ins. dia., blazed and scribed 1/4 S B T, brs. S. 31° 27' W., 11 lks. dist.

Thence S. 1° 20' E.

On a true meridional 1/4 sec. line.

78.25 The 1/4 cor. bet. secs. 14 and 23,

September 23, 1915.

September 24, 1915.

Return to 1/4 cor. bet. Secs. 14 and 15, heretofore



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COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains described.

Thence East.

On a random latitudinal 1/4 sec. line.

80.07 Fall 42 lks. S. of point for the 1/4 cor. bet. Secs. 13 and 14. At this point I find evidence of the old pits and mound and the stump of the original corner, which still bears marks of the axe used in hewing. This point is 10.00 chs. from the nearest timber and there is no evidence of a fence ever having been built within 40.00 chs. Set a pine post 36 x 3 x 3 ins., 24 ins. in the ground, over a charred stake, I scribe 1/4 S. on the W. face, dig pits 24 x 24 x 12 ins. N. and S. 4 ft.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Thence S. 89° 42' W.

On a true latitudinal 1/4 sec. line.

39.55 Intersect meridional 1/4 sec. line at 39.04 chs. N. 1° 20' W. of the 1/4 cor. bet. Secs. 14 and 23, and at 39.21 chs. S. 1° 20' E. of the 1/4 cor. bet. Secs. 11 and 14, and set temp. point for Center 1/4 sec. cor.

80.07 The 1/4 cor. bet. Secs. 14 and 15.

Returning to temp. point for Center 1/4 sec. cor.

Thence S. 1° 20' E.

On true meridional 1/4 sec. line.

9.76 Set temp. 1/64 cor. center N/2 S/2, Sec. 14, and cor. of this claim.

September 24, 1915.

Charles D. Hodson, Surveyor-Draftsman, Forest Service,

June 12, 1919.

In accordance with letter from Surveyor General dated



COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

December 12, 1917, 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. 14, T. 22 N., R. 8 E.

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 to be correct.

All measurements 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.

The courses of this retracement were deflected from the meridian established by me on June 7, 1919 at the cor. of Secs. 3, 4, 33 and 34, Ts. 22 and 23 N., R. 8 E. in connection with H. E. S. No. 376.

From the cor. of Secs. 10, 11, 14 and 15, T. 22 N., R. 8 E., heretofore described.

Thence S. 89° 48' E.

Retracing line bet. Secs. 11 and 14, W/2.

40.25 Fall 6 lks. N. 0° 12' E. of 1/4 cor., heretofore described.

True line is S. 89° 43' E., 40.25 chs.

Thence S. 89° 48' E.

Retracing line bet. Secs. 11 and 14, E/2.

40.29 Fall 13 lks. S. 0° 12' W. of cor. of Secs. 11, 12, 13 and 14, which is a post 4 ins. sq., 3 ft. above ground, mkd. and witnessed as described by the Surveyor General. Post



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STATE OF ARIZONA

Chains is badly decayed. I therefore destroy all trace of same and in its place set a Malpais stone 8 x 14 x 20 ins. 14 ins. in the ground marked with 1 notch on East and 4 notches on South faces.

True line is S. 89° 59' E., 40.29 chs.

Thence South,

Retracing line bet. Secs. 13 and 14, N/2.

39.08 Fall 132 lks. West of 1/4 cor. bet. Secs. 13 and 14, which is a post 3 ins. dia., 2 ft. above ground, marked and witnessed 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 14 x 20 ins. 14 ins. in the ground, marked 1/4 on West face.

True line is S. 0° 10' E., 39.08 chs.

Thence South,

Retracing line bet. Secs. 13 and 14, S/2.

38.31 Fall 192 lks. West of cor. of Secs. 13, 14, 23 and 24, which is a post 4 ins. sq., 3 ft. above ground, marked and witnessed as described by Surveyor General. Post is badly decayed. I therefore destroy all trace of same and in its place set a malpais stone 10 x 12 x 18 ins. 14 ins. in the ground, marked with 1 notch on East and 3 notches on South faces.

True line is S. 2° 52' E., 38.36 chs.

Thence S. 88° 49' W.; (Record course, N. 89° 55' W.)

On a random line bet. Secs. 14 and 23, (Flag plainly visible at 1/4 cor.)

40.60 The 1/4 cor. bet. Secs. 14 and 23; heretofore described,



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

True line is S. 88° 49' W., 40.60 chs.

June 12, 1919.

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

Charles D. Hodson, Surveyor - Draftsman, Forest Service,  
September 24, 1915.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1.

Identical with the 1/4 cor. bet. Secs. 14 and 23, and Cor. No. 1 H. E. S. No. 87, heretofore described. I chisel a cross on top for cor. and set a malpais stone 20 x 14 x 6 ins. (no longer stone available) on claim line 2 lks. NW. of cor., 12 ins. in the ground, over a small stone marked with a cross. I chisel 1 - H E S 375 on the NW. face, re-open old pits for 1/4 cor. and dig pit 36 x 24 x 12 ins. crosswise on line N. 8 ft. dist., and add earth to mound N. of cor.

Lat. 35° 17' 30" N., Long. 111° 31' 10" W., obtained from the Surveyor General's special instructions, and later verified.

Mag. decl. at lh. 00m. p.m., 14° 56' E. Mean mag. decl., 14° 58.3' E.

Thence N. 55° 10' W.

Along line 1-9 of H. E. S. No. 87,

- 12.53 Road, bears SE. and NW. along line.
- 12.78 Fence cor., fences bear S. and NW. along line.
- 17.28 Fence cor., fences bear SW. and NW. and SE. along line.
- 18.53 Fence cor., fences bear SW. and NW. and SE. along line.
- 19.90 Fence cor., fences bear SW. and SE. along line.
- 20.25 Road, bears SE. along line, SW. and N.
- 22.83 To Cor. No. 2, Identical with Cor. No. 9 of H. E. S. No. 87, also Cor. H-6 of the list survey (cor. and witnesses were not marked for List 3-691), a pine tree 12



COCONINO NATIONAL FOREST

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Chains	<p>ins. dia., blazed and scribed 9 - H E S 87 on S. face. I blaze and scribe same tree 2 - H E S 375 on ENE. face for cor. No. 2 of this survey, dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. and raise a mound of earth, 4 ft. base, 2 ft. high, ENE. of cor., whence:</p>
	<p>A pine, 18 ins. dia., blazed and scribed 9 H E S 87 + B T, brs. S. 58° 20' W., 50 lks. dist. I additionally mark this tree 2 H E S 375.</p>
	<p>A pine 12 ins. dia., blazed and scribed 9 H E S 87 + B T, brs. N. 72° 45' W., 63 lks. dist. I additionally mark this tree 2 H E S 375.</p>
	<p>Thence N. 0° 07' W.</p>
	<p>Asc. 5 ft. near foot of hill and at E. edge of timber.</p>
12.00	Road, brs. NNW. and S. along line.
16.03	To Cor. No. 3.
	<p>Set a pine post, 42 x 6 x 6 ins., 30 ins. in the ground, over a charred stake. I drive a nail at the point; scribe 3 - H E S 375 on the SE. face; dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft.; and raise a mound of earth 4 ft. base, 2 ft. high, SE. of cor., whence:</p>
	<p>A pine 12 ins. dia., blazed and scribed 3 H E S 375 + B T, brs. S. 76° 06' W., 59 lks. dist.</p>
	<p>A pine 30 ins. dia., blazed and scribed 3 H E S 375 + B T, brs. S. 13° 08' E., 88 lks. dist.</p>
	<p>Cor. H-2 of the list survey, a post 4 x 4 x 24 ins. above ground, marked and witnessed as described by the Forest Service, brs. N. 0° 07' W., 93 lks. dist. I destroy all trace of the list cor.</p>
18.06	<p>Thence N. 89° 29' E. along mean latitudinal line through center N/2 S/2 Sec. 14. To Cor. No. 4.</p>



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains . Identical with temp. 1/64 cor. at the center of the N/2  
 S/2, Sec. 14. - Set a pitch pine post, 36 x 6 x 6 ins.,  
 24 ins. in the ground, over a small stone marked with  
 a cross. I drive a nail at the point, scribe 4 - H E S  
 375 on the SW. face, dig pits 24 x 24 x 12 ins. crosswise  
 on this and the succeeding course 7 ft. and raise a  
 mound of earth 4 ft. base, 2 ft. high, SW. of cor., whence:  
 . A pine 10 ins. dia., blazed and scribed 4 H E S  
 375 + B T, brs. N. 0° 50' E., 265 lks. dist.  
 . A pine 10 ins. dia., blazed and scribed 4 H E S  
 375 + B T, brs. N. 43° 57' W., 161 lks. dist.  
 . Cor. H-1, a basalt stone 12 x 6 x 6 ins. above  
 ground, mkd. and witnessed as described by the  
 Forest Service, brs. N. 13° 15' W., 90 lks.  
 dist. I destroy all trace of this list cor.

Thence S. 1° 20' E.

Desc. 5 ft. along meridional 1/4 sec. line in open flat.

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

AREA

Total Area - - - - - 41.44 Acres.

IMPROVEMENTS

There are no improvements.

DESCRIPTION

This claim is situated at NW. cor. of what is locally  
 known as Doney Park, and is composed of a cindery clay  
 soil, interspersed with patches of sandy loam, lying at  
 an elevation of 6700 ft. The slope is gentle and to SSW.  
 There is no water on the claim and water for any use  
 would have to be hauled from a well on the River de  
 Flag about 3 miles to the South. There was no indi-



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

cation that any of the claim had ever been cultivated.  
There is no timber of commercial value on the claim.  
I saw no indication of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts.

H. E. S. No. 87 joins this claim on the S. The legal  
subdivisional portion of this list lying in the SE/4,  
sec. 14, joins this survey on the E.

Cliffs, the nearest post office and railroad point, is  
approximately 5 miles in a southerly direction.

Flagstaff, the nearest market point, is approximately  
12 miles in a southwesterly direction.

TRAVERSE

Course	Dist.	N	S	E	W
N. 55° 10' W.	22.83	13.04 ✓			18.74 ✓
N. 0° 07' W.	16.03	16.03 ✓			0.03 ✓
N. 89° 29' E.	18.06	0.16 ✓		18.06 ✓	
S. 1° 20' E.	29.28		29.27 ✓	0.68 ✓	
	86.20	29.23	29.27	18.74	18.77
			29.23		18.74

Error in Lat. and Dep. .04 .03

Closing error, 1:1724. ✓

Survey completed June 12, 1919. ~~1915.~~

*Charles D. Hodson*

Surveyor - Draftsman  
Forest Service

*Augustus*  
Surveyor - Draftsman, Forest Service,



Chains

I saw no indication of mineral upon the claim. There is no timber of commercial value on the claim. action that any of the claim had ever been entered.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. S. No. 87 joins this claim on the E. The legal subdivisional portion of this lot lying in the SW 1/4, sec. 14, joins this survey on the N. Office, the nearest post office and railroad point, is approximately 6 miles in a southerly direction. Westport, the nearest market point, is approximately 12 miles in a southwesterly direction.

TRAVELER

Course	Dist.	N	S	E	W
N. 35° 10' W.	32.88	18.04			18.74
N. 0° 07' W.	16.08	16.08			0.00
N. 89° 29' E.	18.06	0.16	18.06		
S. 1° 20' W.	22.28		22.27	0.68	
		66.20	22.25	18.74	18.74
			22.28		18.74

Error in lat. and dep. .04 .04 .08

Closing error, 1:1284.

Survey completed June 12, 1912.

Surveyor - Hartman

Forest Service

Surveyor - Hartman



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Direct Solar at 1/4 sec. cor. bet. secs. 14 and 23, T. 22  
N., R. 8 E., Gila and Salt River Base and Meridian.  
September 23, 1915.

l.m.t.	Horizontal Angle	Vertical Angle
4h. 50m. 10s.	81° 04' 00"	12° 26' 30"
4h. 50m. 59s.	80° 39' 30"	12° 50' 30"
2) 9h. 41m. 09s.	161° 43' 30"	25° 17' 00"
4h. 50m. 35s.	80° 51' 45"	12° 38' 30"
	ref.	3' 19" ✓
	Alt.	12° 35' 11" ✓

Elevation 6700 ft.

Lat. 35° 17' 30" N., Long. 111° 31' 10" W. = 7h. 26m. 05s. ✓

7h. 26m. 05s. + 4h. 50m. 35s. = 12h. 16m. 40s. = 12h. 28 ✓

58".4 x 12.28 = 0° 11' 57".2. ✓

0° 15' 07".4 - 0° 11' 57".2 = 0° 03' 10".2, decl. ✓

log. sin. 0° 03' 10" = 6.961670 ✓  
log. cos. 35° 17' 30" = 9.911808 ✓  
log. cos. 12° 35' 11" = 9.989436 ✓  
7.060426 .00115 ✓

log. tan. 35° 17' 30" = 9.849924 ✓  
log. tan. 12° 35' 11" = 9.348844 ✓  
9.198768 .15804 ✓

Cos. A. = .15919

A. = S. 80° 51' 45" ✓  
A. = S. 80° 50' 24" W. ✓

Bearing of reference point = S. 0° 01' 21" E.

l.m.t.	Horizontal Angle	Vertical Angle
4h. 51m. 50s.	81° 19' 30"	12° 05' 30"
4h. 52m. 25s.	80° 52' 00"	12° 32' 00"
2) 9h. 44m. 15s.	162° 11' 30"	24° 37' 30"
4h. 52m. 07s.	81° 05' 45"	12° 18' 45"
	ref.	3' 25" ✓
	Alt.	12° 15' 20" ✓

log. sin. 0° 03' 10" = 6.961670 ✓  
log. cos. 35° 17' 30" = 9.911808 ✓  
log. cos. 12° 15' 20" = 9.989988 ✓  
7.059874 .00115

log. tan. 35° 17' 30" = 9.849924 ✓  
log. tan. 12° 15' 20" = 9.336905 ✓  
9.186829 .15375 ✓

Cos. A. = .15490

A. = S. 81° 05' 45" ✓  
A. = S. 81° 05' 20" W. ✓  
Bearing of reference point = S. 0° 00' 25" E.



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HOMESTEAD ENTRY SURVEY NO. 100

NATIONAL FOREST

STATE OF ARIZONA

Chains. Direct solar at 1/4 sec. cor. sec. 14 and 23.

U. S. G. S., Gile and Salt River Base and Meridian.  
September 28, 1915.

I. m. f.	Horizontal Angle	Vertical Angle
41. 30m. 10a.	91° 04' 00"	12° 28' 30"
41. 30m. 33a.	80° 32' 30"	12° 30' 30"
2) 41m. 09a.	151° 48' 30"	23° 14' 00"
41. 30m. 33a.	80° 31' 45"	12° 3' 30"
	ref.	3' 12"
	alt.	12° 36' 11"

Elevation 5000 ft.

Lat. 35° 17' 30" N., Long. 111° 31' 10" W. = 71. 36m. 08a.

71. 36m. 08a. + 41. 30m. 33a. = 121. 16m. 40a. = 121. 28

$$68".4 \times 12.28 = 0.11' 57".2.$$

$$0.15' 07".4 - 0.11' 57".2 = 0.03' 10".2, decl.$$

$$\begin{aligned} \log. \sin. 0.03' 10" &= 8.921870 \\ \log. \cos. 35.29' 17" &= 9.911808 \\ \log. \cos. 12.28' 11" &= 9.984332 \\ \hline &= 7.060410 \end{aligned}$$

$$\begin{aligned} \log. \tan. 35.29' 17" &= 9.849224 \\ \log. \tan. 12.28' 11" &= 9.243344 \\ \hline &= 9.195880 \end{aligned}$$

$$\cos. A. = 12312$$

$$\begin{aligned} A. &= 8. 50' 50" 24" W. \\ \text{bearing of reference point} &= 2. 0' 01" 21" E. \end{aligned}$$

I. m. f.	Horizontal Angle	Vertical Angle
41. 31m. 50a.	81° 12' 30"	12° 02' 30"
41. 32m. 33a.	90° 21' 00"	12° 28' 00"
2) 41m. 13a.	128° 11' 30"	24° 27' 30"
41. 32m. 09a.	91° 02' 45"	12° 18' 45"
	ref.	3' 12"
	alt.	12° 15' 30"

$$\begin{aligned} \log. \sin. 0.03' 10" &= 8.921870 \\ \log. \cos. 35.29' 17" &= 9.911808 \\ \log. \cos. 12.28' 11" &= 9.984332 \\ \hline &= 7.060410 \end{aligned}$$

$$\begin{aligned} \log. \tan. 35.29' 17" &= 9.849224 \\ \log. \tan. 12.28' 11" &= 9.243344 \\ \hline &= 9.195880 \end{aligned}$$

$$\cos. A. = 12430$$

$$\begin{aligned} A. &= 8. 51' 02" 10" W. \\ \text{bearing of reference point} &= 2. 0' 00' 25" E. \end{aligned}$$







СОСТАВ СЛУЖБЫ

1918

СОСТАВ	ВРЕМЯ	ДИСТАНЦИЯ	УЧЕТ		ДЕЛОВАЯ		ДОСЛУЖИТЕЛЬ	ДОСЛУЖИТЕЛЬ	ДОСЛУЖИТЕЛЬ	ДОСЛУЖИТЕЛЬ
			ЧИСЛО	КОЛИЧЕСТВО	ЧИСЛО	КОЛИЧЕСТВО				
1-А	2. 1. 1918	50.00	50	50	18	18	18	18	18	18
2-А	1. 6. 1918	18.00	18	18	18	18	18	18	18	18
3-А	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Б	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-В	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Г	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Д	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Е	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ж	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-З	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-И	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-К	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Л	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-М	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Н	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-О	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-П	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Р	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-С	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Т	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-У	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ф	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Х	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ц	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ч	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ш	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Щ	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ъ	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ы	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ь	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Э	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Ю	1. 1. 1918	30.00	30	30	30	30	30	30	30	30
3-Я	1. 1. 1918	30.00	30	30	30	30	30	30	30	30

ТАБЛИЦА ЧИСЛА ДОСЛУЖИТЕЛЕЙ ПО СЛУЖБАМ И ПОСТАМ

1. Число дослужителей по службам и постам за отчетный период.

2. Число дослужителей по службам и постам на начало и конец отчетного периода.

3. Число дослужителей по службам и постам в разрезе месяцев.

4. Число дослужителей по службам и постам в разрезе полугодий.

5. Число дослужителей по службам и постам в разрезе кварталов.

6. Число дослужителей по службам и постам в разрезе триместров.

7. Число дослужителей по службам и постам в разрезе полулетий.

8. Число дослужителей по службам и постам в разрезе годов.

9. Число дослужителей по службам и постам в разрезе десятилетий.

10. Число дослужителей по службам и постам в разрезе столетий.

СОСТАВ СЛУЖБЫ







CONTRIBUTOR	RECEIVED	DATE	AMOUNT	REMARKS	DATE	AMOUNT	REMARKS
M. J. O'NEILL	10.53	10.53	10.53		10.53	10.53	
B. J. O'NEILL	10.00	10.00	10.00		10.00	10.00	
B. J. O'NEILL	10.00	10.00	10.00		10.00	10.00	
B. J. O'NEILL	10.00	10.00	10.00		10.00	10.00	
B. J. O'NEILL	10.00	10.00	10.00		10.00	10.00	
TOTAL RECEIPTS							
				10.53	10.53	10.53	
				10.00	10.00	10.00	
				10.00	10.00	10.00	
				10.00	10.00	10.00	
				10.00	10.00	10.00	
TOTAL DEDUCTIONS							
				0.00	0.00	0.00	
				0.00	0.00	0.00	
				0.00	0.00	0.00	
				0.00	0.00	0.00	
TOTAL BALANCE							
				10.53	10.53	10.53	

RECEIVED FROM CONTRIBUTIONS OF MEMBERS OF THE BOARD OF DIRECTORS

DATE: 10/10/53

AMOUNT: \$10.53

REMARKS: CONTRIBUTION FROM M. J. O'NEILL

10/10/53

10.53



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.

3. In calculations for balancing fallings should be proportional to the lengths of the lines. 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. 375, STATE OF ARIZONA - COCONINO

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
CLOSURE OF SECTION 14.									
	S. 89-43 E.	40.25		20	40.25				
	S. 89-59 E.	40.29		01	40.29				
	S. 0-10 E.	39.08		39.08	12				
	S. 2-52 E.	38.36		38.31	1.92				
	S. 88-49 W.	40.60		84		40.59			
	S. 88-49 W.	40.77		84		40.76			
	N. 1-01 W.	79.23	79.22			1.44			
		318.58	79.22	79.28	82.58	82.76			
		1.028		06					

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APPROVAL

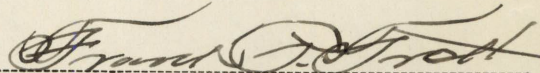
Office of the United States Surveyor General,

Phoenix, Arizona, April 14, 1920

The foregoing field notes of Homestead Entry Survey No.

375

executed by Charles D. Hodson and A. H. Hendrix  
Surveyors. [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.



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.



REPORT

Office of the United States Marshal

The following is a list of names of persons

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