

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

JUN 2 1915

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 97

SITUATED IN THE

COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 29, --- surveyed, Township 14 N., Range 10 E.

Section 32, -- surveyed, Township 14 N., Range 10 E.

Section 33, -- surveyed, Township 14 N., Range 10 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service

Under special instructions dated September 29, 1913

Survey commenced June 9, 1914

Survey completed June 9, 1914

Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing Silous Travis Hough,

Residence Pine, Arizona.

Application No. 75, dated July 31, 1908

List No. 3-163, dated April 27, 1909

Applicant for survey Silous Travis Hough,

Residence Pine, Arizona.

H. E. No. 06416, dated July 8, 1909

Land district Phoenix, Arizona.



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OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,  
Surveyor-Forest Service in surveying all those  
parts or portions of Homestead Entry Survey No. 97, in  
--surveyed Section 29, Township 14 N., Range 10 E.,  
--surveyed Section 32, Township 14 N., Range 10 E.,  
--surveyed Section 33, Township 14 N., Range 10 E.  
of the G. & S.R.B. & meridian, State of Arizona, which  
are represented in the following field notes as having been  
surveyed by him and under his direction; and that said sur-  
vey 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 fur-  
nished 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 D. Hodson, Chainman.  
Charles G. Buecht, Chainman.

Subscribed and sworn to before me this 12th day of  
November, 1914.

Walter G. Turley  
Surveyor-Forest Service.

OATH OF SURVEYOR

I, Walter G. Turley, Surveyor-Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated September 29 1913, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~under the application of~~ embraced in List, No. 3-163, dated April 27, 1909, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 97, situated within the COCONINO National Forest, in --surveyed Section 29, Township 14 N., Range 10 E., and --surveyed Section 32, Township 14 N., Range 10 E., --surveyed Section 33, Township 14 N., Range 10 E. of the G. & S.R.B. & 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.

Walter G. Turley

Subscribed and sworn to before me this 16th day of

November, 1914.  
My Commission Expires 4-6-1918

R B Callie  
Notary Public



## COCONINO NATIONAL FOREST

## STATE OF ARIZONA

Chains. Applicant for listing, Silous Travis Hough; Application No. 75, dated July 31, 1908; List 3-163, dated April 27, 1909; H. E. No. 06416, made in the Phoenix Land Office on July 8, 1909, by Silous Travis Hough.

Surveyed under special instructions from the Surveyor General for Arizona, dated September 29, 1913 and designated as Homestead Entry Survey No. 97.

Located in Secs. 29, 32 and 33, T. 14 N., R. 10 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, 1913.

Survey commenced June 9, 1914 and executed with a W. and L. E. Gurley light mountain transit No. 12953 with vertical circle and Burt solar attachment.

The horizontal limb having two double verniers placed opposite and reading to single minutes of arc, which is also the least graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment and make necessary corrections. The stadia is adjusted to read 1:132.

All distances are horizontal, and were reduced from measurements made on the slope with a 400 link steel tape and a Philadelphia stadia rod graduated to feet and hundredths with target verniers reading to thousandths. The slope angles were determined with a clinometer.

June 9, 1914.

At 7h. 50m., a.m., l.m.t., I set off  $22^{\circ} 55'$  N. on the decl. arc and  $34^{\circ} 34'$  on the lat. arc and determine



Chains

a meridian with the solar at cor. No. 7, of H. E. S. No. 178, Hugh K. Fuller, and my line of sight falls  $00^{\circ} 00' 07''$  of measured arc, W. of the true meridian as established by Polaris observations on June 6, 1914 and marked upon the ground by a tack in a stake set 6.00 chs. N. of the cor. . Therefore I conclude that my transit is in satisfactory adjustment. Cor. No. 7, H. E. S. No. 178, Hugh K. Fuller, bears S.  $09^{\circ} 25'$  W., 7.03 chs. dist. from cor. No. 4 of this survey.

June 9, 1914.

At 8h. 15m., a.m., l.m.t., I set off  $22^{\circ} 55'$  N. on the decl. arc and  $34^{\circ} 34\text{-}1/2'$  on the lat. arc. and determine a meridian at the cor. to secs. 4, 5, 32 and 33, Townships 13 and 14 N., R. 10 E., G. & S. R. B. & M., which is a post 4 ins. square and 24 ins. above the ground and a mound of stone, marked and witnessed as described by the Surveyor General.

Thence North.

Between secs. 32 and 33, T. 14 N., R. 10 E.

40.11 Fall 20 lks. W. of the  $1/4$  sec. cor. to secs. 32 and 33, which is a post 3 ins. thick and 24 ins. above ground and a mound of stone marked and witnessed as described by the Surveyor General. Return course S.  $00^{\circ} 17'$  W.

Thence North.

Between secs. 32 and 33, from the  $1/4$  sec. cor.

40.12 Fall 22 lks. W. of the cor. to secs. 28, 29, 32 and 33, which is a post 4 ins. square and 24 ins. above the ground, and a mound of stone marked and witnessed as described by the Surveyor General. Return course S.  $00^{\circ} 19'$  W.

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Chains Thence West.  
Between secs. 29 and 32.  
40.43 Fall 13 lks. S. of the 1/4 sec. cor. to secs. 29 and 32, which is a post 3 ins. thick and 24 ins. above ground and a mound of stone, marked and witnessed as described by the Surveyor General. Return course S. 89° 49' E.

## Cor. No. 1.

And a closing cor. on line between secs. 32 and 33, T. 14 N., R. 10 E., at the point of intersection of line 4-3 of the list survey with the sec. line, between secs. 32 and 33. At this point I set a limestone 28 x 10 x 6 ins., 18 ins. in the ground, over a stone marked with a cross, marked (+) at the point; 1-HES97 on the N., and CC on the ESE. face, for cor. No. 1; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, ESE. of cor., from which:

A pine 26 ins. dia., scribed 1 H E S 97 + B T, bears S. 75° E., 35 lks. dist.

A pine 12 ins. dia., scribed 1 H E S 97 + B T, bears S. 06° 45' W., 124 lks. dist.

1/4 sec. cor. to secs. 32 and 33, T. 14 N., R. 10 E., heretofore described, bears S. 00° 19' W., 15.42 chs. dist.

Cor. to secs. 28, 29, 32 and 33, T. 14 N., R. 10 E., heretofore described, bears N. 00° 19' E., 24.70 chs. dist.

Lat. of cor. No. 1 is 34° 34' 33" N. and Long. 111° 18' 30" W., taken from the instructions of the Surveyor General.



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Chains Observed magnetic declination at cor. No. 1 is  $15^{\circ} 00'$  E. at 9h. 35m., a.m., l.m.t., which reduced gives a mean magnetic declination of  $14^{\circ} 58'$  E.

Thence N.  $67^{\circ} 50'$  W.

Over grass covered bottom, along edge of timber.

2.93 Wire fence, bears E. and W.

8.67 To cor. No. 2.

Identical with cor. No. 3 of the list survey which is a granite boulder 24 x 24 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 28 x 10 x 9 ins., 18 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 2-HES97 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of Cor., from which:

A pine 30 ins. dia., scribed 2 H E S 97 + B T, bears S.  $40^{\circ}$  W., 34 lks. dist.

A pine 18 ins. dia., scribed 2 H E S 97 + B T, bears S.  $63^{\circ}$  E., 36 lks. dist.

Note: The imbedded boulder described by the Forest Service was only a surface stone and easily removed.

Thence S.  $57^{\circ} 45'$  W.

Over grass covered bottom along edge of pine timber.

2.90 Wire fence, bears E. and W.

14.72 To cor. No. 3.

Identical with cor. No. 2 of the list survey which is a pine post 6 ins. sq. and 2 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at

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Chains this point I set a limestone 26 x 10 x 9 ins., 16 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 3-HES97 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which:

A pine 18 ins. dia., scribed 3 H E S 97 + B T,  
bears N. 85° 20' E., 104 lks. dist.

A pine 7 ins. dia., scribed 3 H E S 97 + B T,  
bears S. 09° 45' E., 154 lks. dist.

Thence S. 20° 15' W.

Over grass covered bottom land in open.

13.05 Wire fence, bears NW. and SE.

13.84 To cor. No. 4.

Identical with cor. No. 1 of the list survey which is a post 4 ins. sq. and 2 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 28 x 10 x 9 ins., 18 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 4-HES97 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., from which:

A pine 12 ins. dia., scribed 4 H E S 97 + B T,  
bears N. 24° 15' E., 194 lks. dist.

A pine 24 ins. dia., scribed 4 H E S 97 + B T,  
bears S. 13° 50' W., 126 lks. dist.

Thence N. 20° 04' W.

Over grass covered bottom in open.

1.54 Wire fence, bears SE. and NW.

6.74 To cor. No. 5.

Identical with cor. No. 17 of the list survey which



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is a sandstone 16 x 2 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 26 x 9 x 7 ins., 16 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 5-HES97 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor., from which:

A pine 10 ins. dia., scribed 5 H E S 97 + B T,  
bears S. 67° 50' W., 134 lks. dist.

A pine 21 ins. dia., scribed 5 H E S 97 + B T,  
bears N. 04° 30' W., 100 lks. dist.

Thence N. 21° 45' E.

Over grass covered bottom, along edge of timber.

13.00 To cor. No. 6.

Identical with cor. No. 16 of the list survey which is a sandstone 15 x 2 x 15 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 15 x 6 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 6-HES97 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., from which:

A pine 9 ins. dia., scribed 6 H E S 97 + B T,  
bears S. 58° 20' W., 76 lks. dist.

A pine 11 ins. dia., scribed 6 H E S 97 + B T,  
bears S. 21° 10' E., 86 lks. dist.

Thence N. 70° 23' E.

Over grass covered bottom, along edge of timber.



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Chains  
10.48

To cor. No. 7.

Identical with cor. No. 15 of the list survey which is a sandstone 30 x 3 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 12 x 10 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 7-HES97 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor.; from which:

A pine 26 ins. dia., scribed 7 H E S 97 + B T,  
bears N. 18° 50' E., 105 lks. dist.

A pine 14 ins. dia., scribed 7 H E S 97 + B T,  
bears N. 46° 45' W., 87 lks. dist.

Thence N. 26° 09' E.

Over grass covered bottom, along edge of timber.

3.50 Wire fence, bears N. and S.

7.11 To cor. No. 8.

Identical with cor. No. 14 of the list survey which is a post 6 ins. sq. and 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 I set a limestone 26 x 10 x 6 ins., 16 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 8-HES97 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor., from which:

A pine 7 ins. dia., scribed 8 H E S 97 + B T,  
bears S. 84° 20' W., 96 lks. dist.

A pine 12 ins. dia., scribed 8 H E S 97 + B T,  
bears S. 24° 45' W., 148 lks. dist.

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Chains

Thence N. 53° 12' W.

Over grass covered bottom, along edge of timber.

0.40 Wire fence, bears NNE. and SSW.

13.39 To cor. No. 9.

Identical with cor. No. 13 of the list survey which is a post 6 ins. sq. and 2 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 14 x 4 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 9-HES97 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., from which:

A pine 12 ins. dia., scribed 9 H E S 97 + B T, bears S. 52° E., 63 lks. dist.

A pine 28 ins. dia., scribed 9 H E S 97 + B T, bears N. 15° 45' W., 77 lks. dist.

Thence N. 08° 12' W.

Over grass covered bottom, along edge of timber.

6.05 To cor. No. 10.

And a closing cor. on line between secs. 29 and 32, T. 14 N., R. 10 E. At this point I set a limestone 24 x 10 x 9 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 10-HES97 on the E. face and CC on the SSE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, ESE. of cor., from which:

A pine 30 ins. dia., scribed 10 H E S 97 + B T, bears N. 15° E., 107 lks. dist.

A pine 15 ins. dia., scribed 10 H E S 97 + B T, bears S. 18° 15' W., 162 lks. dist.



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Chains 1/4 cor. of secs. 29 and 32, T. 14 N., R. 10 E.,  
heretofore described, bears N. 89° 49' W.,  
18.96 chs. dist.  
Cor. of secs. 28, 29, 32 and 33, T. 14 N., R.  
10 E., heretofore described, bears S. 89°  
49' E., 21.47 chs. dist.  
Cor. No. 15 of this survey bears S. 89° 49' E.,  
4.42 chs. dist.

Thence N. 08° 12' W.

Over grass covered bottom, along edge of timber.

5.20 To cor. No. 11.

Identical with cor. No. 12 of the list survey which  
is a post 4 ins. sq. and 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  
I set a limestone 30 x 12 x 5 ins., 20 ins. in the  
ground, over a stone marked with a cross, marked (+)  
at the point and 11-HES97 on the E. face; and raise  
a mound of stone 2 ft. base, 1-1/2 ft. high, E. of  
cor., from which:

A pine 14 ins. dia., scribed 11 H E S 97 + B T,  
bears S. 88° W., 27 lks. dist.

A pine 14 ins. dia., scribed 11 H E S 97 + B T,  
bears N. 52° W., 32 lks. dist.

Thence N. 16° 16' E.

Over grass covered bottom, along edge of pine timber.

9.30 Wire fence, bears ENE. and WSW.

11.98 To cor. No. 12.

Identical with cor. No. 11 of the list survey which  
is a post 6 x 4 x 18 ins. above ground, marked and  
witnessed as described by the Forest Service. I

Chains

destroy all trace of the list cor. and at this point I set a limestone 24 x 14 x 5 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 12-HES97 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., from which:

A pine 35 ins. dia., scribed 12 H E S 97 + B T, bears S. 88° W., 102 lks. dist.

A pine 6 ins. dia., scribed 12 H E S 97 + B T, bears N. 48° 30' W., 30' lks. dist.

Thence S. 72° 00' E.

Across bottom in open.

5.10 Wire fence, bears ENE. and WSW.

5.55 To cor. No. 13.

Identical with cor. No. 10 of the list survey which is a limestone 20 x 4 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 12 x 9 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at the point and 13-HES97 on the SW. face; and raise a mound of stone 2 ft., base, 1-1/2 ft. high, SW. of cor., from which:

A pine 26 ins. dia., scribed 13 H E S 97 + B T, bears N. 36° E., 28 lks. dist.

A pine 22 ins. dia., scribed 13 H E S 97 + B T, bears S. 13° 45' E., 62 lks. dist.

The S. end of an L shaped reservoir embankment of earth bears N. 12° 30' E., 4.10 chs. dist.

Thence S. 22° 28' W.

Over grass covered bottom, along edge of timber.



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9.32

To cor. No. 14.

Identical with cor. No. 9 of the list survey which is an embedded limestone 5 x 3 x 2 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and mark (+) at the apex of the same stone and 14-HES97 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., from which:

A pine 20 ins. dia., scribed 14 H E S 97 + B T, bears S. 75° 30' E., 9 lks. dist.

A pine 15 ins. dia., scribed 14 H E S 97 + B T, bears S. 08° 30' W., 35 lks. dist.

Thence S. 00° 40' E.

Over grass covered bottom, along edge of timber.

6.35 To cor. No. 15.

And a closing cor. on line between secs. 29 and 32. Identical with cor. No. 8 of the list survey which is a limestone 10 x 3 x 15 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 24 x 18 x 7 ins., 14 ins. in the ground, and a mound of stone, over a stone marked with a cross, marked (+) at the point and 15-HES97 on the W. face and CC on the N. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high, N. of cor., from which:

A pine 28 ins. dia., scribed 15 H E S 97 + B T, bears N. 05° 45' W., 63 lks. dist.

A pine 18 ins. dia., scribed 15 H E S 97 + B T, bears S. 82° W., 16 lks. dist.

Cor. to secs. 28, 29, 32 and 33, T. 14 N., R.

10 E., bears S. 89° 49' E., 17.05 chs. dist.

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1/4 sec. cor. to secs. 29 and 32, T. 14 N., R.  
10 E., bears N. 89° 49' W., 23.38 chs. dist.  
Cor. No. 10 of this survey bears N. 89° 49' W.,  
4.42 chs. dist.

Thence S. 16° 49' E.

Over grass covered bottom, along edge of timber.

5.07 To cor. No. 16.

Identical with cor. No. 7 of the list survey which  
is a post 4 ins. sq. and 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  
I set a limestone 28 x 14 x 12 ins., 18 ins. in the  
ground, over a stone marked with a cross, marked (+)  
at the point and 16-HES97 on the SW. face; and raise  
a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of  
cor., from which:

A pine 20 ins. dia., scribed 16 H E S 97 + B T,  
bears N. 26° 40' E., 114 lks. dist.

A pine 28 ins. dia., scribed 16 H E S 97 + B T,  
bears N. 84° 30' E., 92 lks. dist.

Thence S. 65° 08' E.

Over grass covered bottom, along edge of timber.

9.62 To cor. No. 17.

Identical with cor. No. 6 of the list survey which  
is a post 5 ins. sq. and 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  
I set a limestone 28 x 14 x 10 ins., 18 ins. in the  
ground, and a mound of stone, over a stone marked with  
a cross, marked (+) at the point and 17-HES97 on the  
SW. face; and raise a mound of stone 2 ft. base, 1-1/2  
ft. high, SW. of cor., from which:



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A pine 16 ins. dia., scribed 17 H E S 97 + B T,  
bears N. 68° E., 64 lks. dist.

A pine 22 ins. dia., scribed 17 H E S 97 + B T,  
bears S. 54° E., 8 lks. dist.

Thence S. 11° 56' E.

Over grass covered bottom, along edge of timber.

0.61 Wire fence, bears NW. and SE.

2.50 Wire fence, bears NE. and SW.

7.32 To cor. No. 18.

Identical with cor. No. 5 of the list survey which is a post 6 ins. sq. and 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 I set a limestone 28 x 10 x 9 ins., 18 ins. in the ground, and a mound of stone, over a stone marked with a cross, marked (+) at the point and 18-HES97 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, East of cor., from which:

A pine 10 ins. dia., scribed 18 H E S 97 + B T,  
bears East, 35 lks. dist.

A pine 10 ins. dia., scribed 18 H E S 97 + B T,  
bears N. 08° 30' W., 36 lks. dist.

Thence S. 39° 40' E.

Along gentle SW. slope, in edge of timber.

2.80 Wire fence, bears E. and W.

8.22 To cor. No. 19.

And a closing cor. on line between secs. 32 and 33. At this point I set a limestone 24 x 14 x 6 ins., 14 ins. in the ground, over a stone marked with a cross, marked (+) at point, 19-HES97 on the SW. face, and CC on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which:

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A pine 24 ins. dia., scribed 19 H E S 97 + B T,  
bears N. 02° 15' W., 133 lks. dist.

A pine 20 ins. dia., scribed 19 H E S 97 + B T,  
bears N. 26° 15' E., 130 lks. dist.

Cor. to secs. 28 and 29, 32 and 33, T. 14 N., R.  
10 E., bears N. 00° 19' E., 22.30 chs. dist.

1/4 cor. to secs. 32 and 33, T. 14 N., R. 10 E.,  
bears S. 00° 19' W., 17.82 chs. dist.

Cor. No. 1 bears S. 00° 19' W., 2.40 chs. dist.

Thence S. 39° 40' E.

Over grass covered bottom, along edge of timber.

2.48 Fence, bears E. and W.

4.71 To cor. No. 20.

Identical with cor. No. 4 of the list survey, which  
is a post 6 x 4 x 24 ins. above ground, marked and  
witnessed as described by the Forest Service. I de-  
stroy all trace of the list cor. and at this point I  
set a limestone 24 x 12 x 10 ins., 14 ins. in the  
ground, over a stone marked with a cross, marked (+)  
at the point and 20-HES97 on the WNW. face; and raise  
a mound of stone 2 ft. base, 1-1/2 ft. high, W NW. of  
cor., from which:

A pine 20 ins. dia., scribed 20 H E S 97 + B T,  
bears N. 22° W., 142 lks. dist.

A pine 5 ins. dia., scribed 20 H E S 97 + B T,  
bears N. 62° 15' E., 49 lks. dist.

Thence N. 67° 50' W.

Over grass covered bottom, along edge of timber.

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

Note: The sun was obscured at apparent noon, therefore  
a latitude observation was not possible.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

AREA.

Area in Sec. 29 -----	8.06 acres
Area in Sec. 32 -----	27.52 acres
Area in Sec. 33 -----	0.56 acres
Total area -----	35.94 acres

June 9, 1914.

IMPROVEMENTS.

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

A two room, one story, log house, 30 x 16 ft., the long side of which bears SE. and NW. and the E. cor. of which bears S. 59° 30' W., 5.10 chs. dist. from cor. No. 2.

Value ----- \$150.00

A well 4 x 4 x 16 ft. deep, the center of which bears S. 72° 05' W., 4.56 chs. dist. from cor. No. 2.

Value ----- \$100.00

Approximately 1-1/2 miles of wire fence, the greater percentage of which is on the outside of the claim.

Value ----- \$150.00

There is approximately 5 acres plowed and planted.

Value ----- \$ 25.00

DESCRIPTION.

This claim is situated in Long Valley on the N. slope of the Mogollon Mesa, at an elevation of approximately 7300 ft. The land is level with a gentle North slope. There is a heavy stand of timber in this region, and a fringe is included within this survey. The soil is a black loam in character and very fertile.

Chains

There seems to be an abundance of subsurface water for domestic purposes at a depth of from 20 to 25 ft. Crops are raised without irrigation. I saw no indication of mineral upon this claim.

CONFLICTS AND ADJOINING CLAIMS.

Cor. No. 13 of H. E. No. 014800 of Leonard A. Hough, bears N. 37° 54' E., 20.09 chs. dist. from cor. No. 13 of this survey.

H. E. S. 178, Hugh K. Fuller, H. E. 014799, lies a short distance South of this claim and cor. No. 7 thereof bears S. 09° 25' W., 7.03 chs. dist. from cor. No. 4 of this survey.

Pine postoffice is twenty miles by trail and twenty-eight miles by wagon road in a Southwesterly direction. Flagstaff, on the Santa Fe railroad, is sixty-nine miles by wagon road in a Northerly direction.

TRAVERSE IN SEC. 32.

Cors.	Course	Dist.	N	S	E	W
1-2	N. 67° 50' W.	8.67	3.27			8.03
2-3	S. 57° 45' W.	14.72		7.85		12.45
3-4	S. 20° 15' W.	13.84		12.98		4.79
4-5	N. 20° 04' W.	6.74	6.33			2.31
5-6	N. 21° 45' E.	13.00	12.07		4.82	
6-7	N. 70° 23' E.	10.48	3.52		9.87	
7-8	N. 26° 09' E.	7.11	6.38		3.13	
8-9	N. 53° 12' W.	13.59	8.02			10.72
9-10	N. 08° 12' W.	6.05	5.99			0.86
10-15	S. 89° 49' E.	4.42		0.01	4.42	
15-16	S. 16° 49' E.	5.07		4.85	1.47	
16-17	S. 65° 08' E.	9.62		4.05	8.73	
17-18	S. 11° 56' E.	7.32		7.16	1.51	
18-19	S. 39° 40' E.	8.22		6.33	5.25	
19-1	S. 00° 19' W.	2.40		2.40		0.01
		131.05	45.58	45.63	39.20	39.17
				45.58	39.17	

Error in Lat. and Dep. 0.05 0.03

Closing error 1:2247.



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE IN SEC. 29.

Cors.	Course	Dist.	N	S	E	W
10-11	N. 08° 12' W.	5.20	5.15			0.74
11-12	N. 16° 16' E.	11.98	11.50		3.36	
12-13	S. 72° 00' E.	5.55		1.72	5.28	
13-14	S. 22° 28' W.	9.32		8.61		3.56
14-15	S. 00° 40' E.	6.35		6.35	0.07	
15-10	N. 89° 49' W.	4.42	0.01			4.42
		<u>42.82</u>	<u>16.66</u>	<u>16.68</u>	<u>8.71</u>	<u>8.72</u>
				<u>16.66</u>		<u>8.71</u>
	Error in Lat. and Dep.			<u>0.02</u>		<u>0.01</u>

Closing error 1:1915.

TRAVERSE IN SEC. 33.

Cors.	Course	Dist.	N	S	E	W
1-19	N. 00° 19' E.	2.40	2.40		0.01	
19-20	S. 39° 40' E.	4.71		3.63	3.01	
20-1	N. 67° 50' W.	3.27	1.23			3.03
		<u>10.38</u>	<u>3.63</u>	<u>3.63</u>	<u>3.02</u>	<u>3.03</u>
				<u>3.63</u>		<u>3.02</u>
	Error in Lat. and Dep.			<u>.00</u>		<u>.01</u>

Closing error 1:1038.

*Walter J. Parley*  
Surveyor - Forest Service.



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.

Silous Travis Hough - Coconino

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 97, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 33.									
1-19	N. 0° 19' E.	2.40	2	40	01		01		
19-20	S. 39° 40' E.	4.71	3	63	3	01	04	02	
20-1	N. 67° 50' W.	3.27	1	23	3	03	03	73	11 04
		10.38	3	63	3	03	75		11 04
			3	63	3	03			3 75
									7 29
									36 = Area
Closing Error 1:1038									
Sec. 29.									
10-11	N. 8° 12' W.	5.20	5	15			74	3 81	
11-12	N. 16° 16' E.	11.98	11	50	3	36	37	38 79	
12-13	S. 72° 00' E.	5.55			5	28	02		20 67
13-14	S. 22° 28' W.	9.32	1	72			74		118 16
14-15	S. 0° 40' E.	6.35	8	61	3	56	25		65 09
15-10	N. 89° 49' W.	4.42	6	35			90	06	
		42.82	16	66	8	71	66	42 66	203 92
			16	67	8	72			42 66
									161 26
									8.06 = Area
Closing Error 1:1915									

T. A.

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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 below them the corrected footing in red ink. 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 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.

Silous Travis Hough - Coconino

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 97, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 32- 1-2	N. 67° 50' W.	8.67	3 27			8 03	47 17	154 25	
2-3	S. 57° 45' W.	14.72		7 85		12 45	26 68		209 17
3-4	S. 20° 15' W.	13.84		12 98		4 79	9 42		122 18
4-5	N. 20° 04' W.	6.74	6 33			2 31	2 31	14 62	
5-6	N. 21° 45' E.	13.00	12 07		4 82		4 82	58 23	
6-7	N. 70° 23' E.	10.48	3 52		9 87		19 51	68 87	
7-8	N. 26° 09' E.	7.11	6 38		3 13		32 51	207 41	
8-9	N. 53° 12' W.	13.39	8 02			10 72	24 91	200 03	
9-10	N. 8° 12' W.	6.05	5 99			86	13 32	79 79	
10-15	S. 89° 49' E.	4.42			4 42		16 88		17
15-16	S. 16° 49' E.	5.07		4 85			22 77	110 43	
16-17	S. 65° 08' E.	9.62		4 05	8 73		32 97	133 53	
17-18	S. 11° 56' E.	7.32		7 16	1 51		43 21	309 38	
18-19	S. 39° 40' E.	8.22		6 33	5 25		49 97	316 31	
19- 1	S. 0° 19' W.	2.40		2 40			55 21	132 50	
		131.05	45 58	45 63	39 20	39 17		783 20	1333 67
			45 61	45 61	39 20	39 20			783 20
									550 47
									27 52= Area
Closing Error 1:2247									

T. H.

APPROVAL

Office of the United States Surveyor General,  
Phoenix, Arizona, April 12, 1916.

The foregoing field notes of Homestead Entry Survey No.

97

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executed by Walter G. Turley, Surveyor-Forest Service  
under his special instructions, dated September 29, 1913,  
having been critically examined, and the necessary correc-  
tions and explanations made, the said field notes, and the  
surveys they describe, are hereby approved.

  
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U. S. Surveyor General.

I certify that the foregoing transcript of the field  
notes of the above-described survey in Arizona,  
has been correctly copied from the original notes on file in  
this office.

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Frank P. Trott  
U. S. Surveyor General.