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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

45-2-910

APR 23 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 540

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 10 , - surveyed, Township 7 N., Range 30 E.

In Section 15 , - surveyed, Township 7 N., Range 30 E.

of the

Gila and Salt River Base and Meridian.

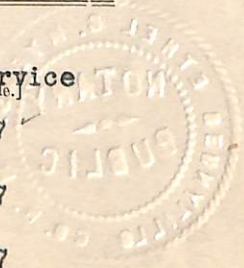
State of

ARIZONA

Applicant for listing Ferris S. Hafford,
 Residence Nutrioso, Arizona
 Application No. 141 , dated December 19 , 1910
 List No. 3-1167 , dated March 10 , 1911

Applicant for survey John Wesley Robinson,
 Residence Nutrioso, Arizona
 H. E. No. 033743 , dated March 24 , 1917
 Office
 Land District Phoenix, Arizona

Survey executed by Lee C. Daves, Surveyor - Forest Service
(Forest Service Title.)
 Under special instructions dated April 7 , 1917
 Survey commenced April 22 , 1917
 Survey completed April 25 , 1917
 Under Acts of June 11, 1906 and August 11, 1916



1.2

OATH OF ASSISTANTS

We hereby certify that we assisted **Lee C. Daves,**
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **540**, 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.

P. J. Ambrose, Chairman
John H. Collett Jr.,
Chairman

Subscribed and sworn to before me this **15th.** day of
July, 19 **17**.

Lucas
Surveyor - Forest Service

OATH OF SURVEYOR

I, **Lee C. Daves,** **Surveyor - 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
April 7, 19 **17**, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract
of land embraced in

List **Patent**, No. **3-1167**, dated **March 10**, 19**11**, for
the same to be known as Homestead Entry Survey No. **540**,
situated within the **Apache** National Forest, in
- surveyed Section **10**, Township **7 N.**, Range **30 E.**, and
- surveyed Section **15**, Township **7 N.**, Range **30 E.**,

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

Lucas
Surveyor - Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this *twenty-third* day of
December, 19 **18**.

Ethel G. Myers
Notary Public



My Commission expires **March 17, 1921.**



APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Ferris S. Hafford; Application No. 141, dated December 19, 1910; List No. 3-1167, dated March 10, 1911; H. E. 033743, made in the Phoenix Land Office on March 24, 1917 by John Wesley Robinson. Surveyed under Special Instructions from the Surveyor General for Arizona, dated April 7, 1917, and designated as Homestead Entry Survey No. 540.

Situated in Secs. 10 and 15, T. 7 N., R. 30 E. (surveyed and accepted), Gila and Salt River Base and Meridian, Apache National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and August 11, 1916.

Survey commenced April 22, 1917 and executed with a Buff and Buff transit No. 9702, equipped with Smith solar attachment.

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

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

April 22, 1917.

At the cor. of Secs. 3, 4, 9 and 10, T. 7 N., R. 30 E., hereinafter described, Lat. $34^{\circ} 01' 18''$ N., Long. $109^{\circ} 10' 32''$ W., from Forest Service Base Map, I observe Polaris for azimuth as follows:

Reference Mark: A dead snag on sky line about $3/4$ mile Northwardly. Angles from Star to Mark. (Mark E. of Star)

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STATE OF ARIZONA

Chains	Circle	l.m.t.	Angle (Star-Mark)
1	W	8h. 05.9m. p.m.	1° 18.0'
2	E	8h. 08.4m.	1° 20.5'
3	E	8h. 10.1m.	1° 20.0'
4	W	8h. 11.8m.	1° 18.0'
Greenwich m.t. U.C.Pol., April 22, 1917, 11h. 29.5m. a.m.			
Sidereal Correction,			- 01.2m.
l.m.t. U. C. Pol., April 22, 1917,			11h. 28.3m. a.m.
Mean time interval to noon, Oh. 31.7m.			
l.m.t. of obsn. 8h. 05.9m. 08.4m. 10.1m. 11.8m. p.m.			
Hour Angle of Star 8h. 37.6m. 40.1m. 41.8m. 43.5m.			
Azimuth of Star 178° 57.3' 57.9' 58.3' 58.5'			
Angle <u>1° 18.0' 20.5' 20.0' 18.0'</u>			
Azimuth of Mark, 180° 15.3' 18.4' 18.3' 16.5'			
Mean - 180° 16.8' and 180° 17.4'			
Difference bet. obsns. is 0.6'			
Accept the mean azimuth of Mark as 180° 17.1', which gives the bearing of N. 0° 07' E.			
From the meridian thus determined all the courses of this survey were deflected by sustained angulation.			
April 22, 1917.			

RETRACEMENTS AND RESURVEYS

April 23, 1917.

Beginning at the cor. of Secs. 3, 4, 9 and 10, T. 7 N., R. 30 E., which is a basalt stone in place, showing 24 x 20 x 12 ins. above ground, marked with 3 notches on the E. face and 5 notches on the S. face, witnessed as described by the Surveyor General. I add a + on top; and raise a mound of stones 4 ft. base, 2 ft. high W. of cor.

No witnesses available.

The above described stone is called a limestone in the

this applies to other cor. also

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Chains

original field notes. There is no question, however, that this is the stone described, since there is no limestone exposed in the vicinity. It appears from the field notes that the basalt of this area has been mistaken for limestone. This is probably due to the fact that in many places the rock shows an incrustation of lime. The above cor. is generally accepted by all settlers as being the original cor.

Thence East. (Record course, S. 89° 55' W., 40.15 chs.)

On random line bet. Secs. 3 and 10, W/2.

39.10 Falls 6 lks. S. of the 1/4 sec. cor. bet. secs. 3 and 10, which is a basalt stone 12 x 10 x 10 ins. marked 1/4 on N. face. I bury the original stone 14 ins. in the ground, over which set a basalt stone 24 x 8 x 8 ins., marked + on top and 1/4 on N. face; and raise a mound of stone 4 ft. base, 2 ft. high, N. of cor., True line is S. 89° 55' W., 39.10 chs.

Thence East. (Record course, S. 89° 55' W.)

On random line bet. secs. 3 and 10, E/2.

40.18 Falls 35 lks. S. of cor. of Secs. 2, 3, 10 and 11, which is a basalt stone 12 x 9 x 8 ins., marked with 2 notches on the E. face and 5 on S. face, set on solid rock in a mound of stones. I mark + on solid rock to indicate the exact position, over which re-set the original stone in a mound of stones; and raise a mound of stones 4 ft. base, 2 ft. high W. of cor.

No witnesses available.

True line is S. 89° 30' W., 40.18 chs.

Thence South.

Retracing line bet. secs. 10 and 11.

40.00 No signs of 1/4 sec. cor. are found.

81.85 Falls 21 lks. W. of the cor. of Secs. 10, 11, 14 and 15.

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Chains I find a pile of stones and the remains of a rotted wooden stake 7 ins. below the surface. At this point deposit a basalt stone 5 x 3 x 3 ins. marked with a +, 16 ins. in the ground, over which set a basalt stone 26 x 10 x 6 ins., chiseled + for the point, 2 notches on E. face and 4 on S. face; and raise a mound of stone 4 ft. base, 2 ft. high W. of cor.

No witnesses available.

Thence N. 0° 09' W.

On true line bet. Secs. 10 and 11.

40.92 At apportioned distance deposit a sandstone 4 x 4 x 2 ins., marked with a +, 14 ins. in the ground, over which set a tufa stone 24 x 14 x 14 ins., chiseled + for the point and 1/4 on W. face, for 1/4 sec. cor. bet. secs. 10 and 11; and raise a mound of stone 4 ft. base, 2 ft. high W. of cor.

No witnesses available.

69.80 Road bears NW. and SE.

81.85 The cor. of Secs. 2, 3, 10 and 11, previously described.

From the cor. of secs. 10, 11, 14 and 15, previously described.

Thence South.

Retracing line bet. secs. 14 and 15.

40.00 No signs of 1/4 sec. cor. are found.

79.98 Falls 24 lks. W. of cor. of secs. 14, 15, 22 and 23.

I find a basalt stone 10 x 6 x 4 ins., badly cracked and broken, but still showing 3 notches on the S. face. I bury the piece with marks 14 ins. in the ground, over which set a basalt stone 24 x 10 x 16 ins., marked + on top, 2 notches on E. face and 3 on S. face; and raise a mound of stone 4 ft. base, 2 ft. high W. of cor., and take new witness trees as follows:

A pine, 10 ins. dia., bears S. 48° 45' E.,

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- Chains 542 lks. dist., marked T 7 N R 30 E S 22 + B T.
A pine, 5 ins. dia., bears S. $39^{\circ} 35'$ W., 376
lks. dist., marked T 7 N R 30 E S 21 + B T.
A pine, 18 ins. dia., bears N. $74^{\circ} 07'$ W., 287
lks. dist., marked T 7 N R 30 E S 15 + B T.
Thence N. $0^{\circ} 10'$ W.
On true line bet. secs. 14 and 15.
- 39.99 At apportioned distance deposit a tufa stone 3 x 3 x 2
ins. marked with a +, 14 ins. in the ground, over
which set a tufa stone 24 x 10 x 6 ins., chiseled + for
the point and $1/4$ on W. face; and raise a mound of
stone 4 ft. base, 2 ft. high W. of cor.
No witnesses available.
- 79.98 The cor. of secs. 10, 11, 14 and 15, previously described.
April 23, 1917.
-
- April 24, 1917.
From the cor. of secs. 3, 4, 9 and 10, previously de-
scribed.
Thence South.
Retracing line bet. secs. 9 and 10.
- 40.00 After diligent search no signs of $1/4$ sec. cor. are
found.
- 81.68 Falls 83 lks. E. of the cor. of secs. 9, 10, 15 and 16,
which is a cedar stake 2 ins. square, marked with 3
notches on the E. face and 4 on S. face. This stake
was found 12 ins. below the surface and at the E. side
of an old fence post. I destroy all marks on the
stake and deposit a sandstone 3 x 3 x 3 ins. marked
with a +, 20 ins. in the ground, over which set a
sandstone 30 x 16 x 10 ins., chiseled + for the point,
3 notches on E. face and 4 on S. face; and raise a
mound of stone 4 ft. base, 2 ft. high W. of cor.,
whence:

Chains The SE. cor. of house bears N. 48° 45' W.,
 250 lks. dist.
 Thence N. 0° 35' E.
 On true line bet. secs. 9 and 10.

40.84 At apportioned distance deposit a basalt stone 3 x 2 x 2
 ins. marked with a +, 20 ins. in the ground, over which
 set a basalt stone 30 x 10 x 8 ins., chiseled + for
 the point and 1/4 on W. face for 1/4 sec. cor. bet. secs.
 9 and 10; and raise a mound of stone 4 ft. base, 2 ft.
 high W. of cor.
 No witnesses available.

81.68 The cor. of secs. 3, 4, 9 and 10, previously described.

 From the cor. of secs. 9, 10, 15 and 16, previously
 described.
 Thence South.
 Retracing line bet. secs. 15 and 16.

40.00 After diligent search no signs of the 1/4 sec. cor.
 are found.

80.00 Falls 44 lks. W. of the cor. of secs. 15, 16, 21 and 22,
 which is a basalt stone 14 x 12 x 10 ins., marked with
 3 notches on the E. face and 3 on S. face, witnessed
 as described by the Surveyor General. This stone is
 cracked and crumbling. I therefore destroy all trace
 of the original marking and in its place deposit a ba-
 salt stone 4 x 3 x 3 ins. marked with a +, 16 ins. in
 the ground, over which set a rhyolite stone 26 x 12 x 8
 ins., chiseled + for the point, 3 notches on E. face
 and 3 on S. face; and raise a mound of stone 4 ft. base,
 2 ft. high W. of cor., whence:
 A white oak, 12 ins. dia., bears N. 89° 30' W., 128
 lks. dist., marked T 7 N R 30 E S 16 + B T. (New BT)
 Thence N. 0° 19' W.
 On true line bet. secs. 15 and 16.

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Chains The point for 1/4 sec. cor. will fall in an arroyo, and would not be permanent if set. Therefore at

39.80 Deposit a rhyolite stone 5 x 4 x 4 ins. marked with a +, 14 ins. in the ground, over which set a rhyolite stone .24 x .8 x 6 ins., chiseled + for the point, 1/4 on W. face for W. C. to 1/4 sec. cor. bet. secs. 15 and 16; and raise a mound of stone 4 ft. base, 2 ft. high W. of cor.

No witnesses available.

40.00 Point for 1/4 sec. cor. bet. secs. 15 and 16.

40.20 Arroyo, 40 lks. wide, 5 ft. deep, course N. 10° E.

80.00 The cor. of secs. 9, 10, 15 and 16, previously described.

From the cor. of secs. 15, 16, 21 and 22, previously described.

Thence East.

Retracing line bet. secs. 15 and 22.

40.00 After diligent search no signs of 1/4 sec. cor. are found.

80.24 Falls 10 lks. S. of the cor. of secs. 14, 15, 22 and 23, previously described.

Thence S. 89° 56' W.

On true line bet. secs. 15 and 22.

40.12 At apportioned distance deposit a rhyolite stone 4 x 3 x 3 ins. marked with a +, 14 ins. in the ground, over which set a rhyolite stone 24 x 16 x 8 ins., chiseled + for the point and 1/4 on N. face for 1/4 sec. cor. bet. secs. 15 and 22; and raise a mound of stone 4 ft. base, 2 ft. high N. of cor., whence:

A juniper, 32 ins. dia., bears N. 40° 45' E., 94. lks. dist., marked 1/4 S 15 + B T.

A pine, 16 ins. dia., bears S. 82° 50' W., 153. lks. dist., marked 1/4 S 21 + B T.

80.24 The cor. of secs. 15, 16, 21 and 22, previously described.

HOMESTEAD ENTRY SURVEY NO. 540

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Chains From the cor. of secs. 9, 10, 15 and 16, previously described.

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

On random line bet. secs. 10 and 15.

40.00 After diligent search no signs of 1/4 sec. cor. are found.

80.64 Falls 16 lks. S. of the cor. of secs. 10, 11, 14 and 15, previously described.

Thence S. 89° 53' W.

On true line bet. secs. 10 and 15.

40.32 At apportioned distance, deposit a basalt stone 4 x 3 x 2 ins., marked with a +, 14 ins. in the ground, over which set a tufa stone 24 x 12 x 10 ins., chiseled + for the point and 1/4 on N. face for 1/4 sec. cor. bet. secs. 10 and 15; and raise a mound of stone 4 ft. base, 2 ft. high N. of cor., whence:

A pinon, 12 ins. dia., bears S. 44° 45' W.,
43 lks. dist., marked 1/4 S 15 + B T.

A pinon, 12 ins. dia., bears N. 74° 20' W.,
13 lks. dist., marked 1/4 S 10 + B T.

60.48 Set temp. 1/16 sec. cor. bet. secs. 10 and 15, W/2.

80.64 The cor. of secs. 9, 10, 15 and 16, previously described.

April 24, 1917.

SUBDIVISION

April 25, 1917.

From the 1/4 sec. cor. bet. secs. 15 and 22, previously described.

Thence North.

On random meridional 1/4 sec. line through sec. 15.

40.00 Set temp. Center 1/4 sec. cor.

80.00 Falls 35 lks. E. of the 1/4 sec. cor. bet. secs. 10 and 15.

I. move temp. Center 1/4 sec. cor. E., 17-1/2 lks.

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(W.C. was set)

Chains From pt. for 1/4 cor. bet. secs. 15 and 16, previously described.

Thence East. On random latitudinal 1/4 sec. line, through sec. 15.

40.41 Falls 7 lks. S. of temp. Center 1/4 sec. cor.

80.83 Falls 14 lks. S. of 1/4 sec. cor. bet. secs. 14 and 15.

Point for Center 1/4 sec. cor. is therefore at temp. point.

Thence S. 89° 54' W.

On true latitudinal 1/4 sec. line through sec. 15.

40.42 Set temp. Center 1/4 sec. cor.

60.62 1/2 Set temp. 1/16 sec. cor., center W/2, sec. 15.

80.83 The 1/4 sec. cor. bet. secs. 15 and 16, previously described.

Returning to the 1/4 sec. cor. bet. secs. 15 and 22, previously described.

Thence N. 0° 15' W.

On true meridional 1/4 sec. line, through sec. 15.

40.00 The temp. Center 1/4 sec. cor.

80.00 The 1/4 sec. cor. bet. secs. 10 and 15, previously described.

From the temp. 1/16 sec. cor. Center W/2, sec. 15.

Thence S. 0° 17' E.

On true line from the temp. 1/16 sec. cor. bet. secs. 10 and 15, W/2, which is plainly visible, through NW/4 Sec. 15.

40.00 The temp. 1/16 sec. cor. bet. secs. 10 and 15, W/2.

From the 1/4 sec. cor. bet. secs. 10 and 15, previously described.

Thence North.

Chains On random meridional 1/4 sec. line, through sec. 10.

40.00 Set temp. Center 1/4 sec. cor.

81.68 Falls 40 lks. E. of the 1/4 sec. cor. bet. secs. 3 and 10, previously described.

I move temp. Center 1/4 sec. cor., W., 20 lks.

From the 1/4 sec. cor. bet. secs. 9 and 10, previously described.

Thence East.

On random latitudinal 1/4 sec. line through sec. 10.

39.71 Falls 77 lks. N. of temp. Center 1/4 sec. cor.

80.00 Falls 28 lks. S. of the 1/4 sec. cor. bet. secs. 10 and 11, previously described.

Point for Center 1/4 sec. cor. is therefore 91 lks. N. 0° 17' W. of temp. cor.

Thence S. 89° 48' W.

On true latitudinal 1/4 sec. line, through sec. 10.

40.29 Set temp. Center 1/4 sec. cor.

60.145 Set temp. 1/16 sec. cor., center W/2, sec. 10.

80.00 The 1/4 sec. cor. bet. secs. 9 and 10, previously described.

Returning to the 1/4 sec. cor. bet. secs. 10 and 15, previously described.

Thence N. 0° 17' W.

On meridional 1/4 sec. line through sec. 10.

40.91 The temp. Center 1/4 Sec. Cor.

81.68 The 1/4 sec. cor. bet. secs. 3 and 10, previously described.

From the temp. 1/16 sec. cor. bet. secs. 10 and 15, W/2.

Thence North.

On random line through SW/4, sec. 10.

40.90 Falls 11 lks. W. of the temp. 1/16 sec. cor., center W/2,

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Chains

Sec. 10.

True line is N. 0° 09' E., 40.90 chs.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1 and Closing Cor. on line bet.

Secs. 10 and 15.

Deposit a sandstone 2 x 2 x 2 ins. marked with a +, 24 ins. in the ground, over which set an iron post 36 ins. long, 2 ins. dia., with brass cap, marked 1917, 1 -

H E S 540 on E. half, C C on S. half, S 15 R 30 E in SW. quadrant and T 7 N S 10 in NW. quadrant, whence:

The SW. cor. of Robinson's house bears N. 74°

55' E., 912 lks. dist.

The SE. cor. Hulsey's house bears N. 52° 57' W.,

274 lks. dist.

No pits or mound on account of cultivated field.

The cor. to secs. 9, 10, 15 and 16, previously

described, bears S. 89° 53' W., 45-1/2 lks. dist.

The 1/4 sec. cor. bet. secs. 10 and 15, pre-

viously described, bears N. 89° 53' E.,

39.865 chs. dist.

Lat. 34° 00' 09" N., Long. 109° 40' 32" W., from Forest

Service Base Map.

Mag. decl. at 7:00 a.m. is 13° 30' E., which gives the

mean mag. decl. of 13° 27' E.

Thence N. 0° 35' E.

On E. boundary of road exception, parallel to sec. line.

Over open cultivated land.

0.03 Wire fence bears E. and W. Leave cultivated land on S.

side of fence. Thence over open sagebrush flat.

40.84 To cor. No. 2, on lat. 1/4 sec. line, thru center Sec. 10.

Deposit a sandstone 4 x 2 x 2 ins. in the ground, marked with a +, 24 ins. in the ground, over which set an iron post 36 ins. long, 2 ins. in dia., with

Chains

brass cap marked 1917, 2 - H E S 540 in SE. quadrant and T 7 N R 30 E S 10. in the remainder of the circle; and raise a mound of stone 4 ft. base, 2 ft. high SE. of cor.

No witnesses available. Pits impracticable.

The 1/4 sec. cor. bet. secs. 9 and 10, previously described, bears S. 89° 48' W., 45-1/2 lks. dist.

Thence N. 89° 48' E.

Along latitudinal 1/4 sec. line through W/2, Sec. 10.

Over sagebrush flat.

9.40 Begin asc. of rocky SW. slope, bearing NW. and SE.

15:00 Top 130 ft. asc. Enter scattering pinon and pine timber.

Asc. 20 ft. gradually to cor.

19.40 To cor. No. 3.

Also 1/16 sec. cor., center W/2, Sec. 10.

Deposit a basalt stone 4 x 3 x 2 ins. marked with a +,

14 ins. in the ground, over which set a basalt stone

24 x 10 x 9 ins., chiseled + for the point, 1/16 on

N. face and 3 - H E S 540 on SW. face; and raise a

mound of stone 4 ft. base, 2 ft. high SW. of cor.,

whence:

A pinon, 6 ins. dia., bears S. 4° 55' E.,

45 lks. dist.

A pinon, 5 ins. dia., bears N. 83° 30' W.,

29 lks. dist.

Each marked 3 H E S 540 1/16 S 10 + B T.

Thence S. 0° 09' W, along meridional 1/16 sec. line, thru center SW/4, Sec. 10.

Over rocky bench, through pinon and scattering pine

timber.

1.20 Begin desc. of S. slope, bears E. and W.

6.50 Leave rocky land and timber, bears NW. and SE. Enter

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Chains smooth grass slope.

19.50 Bottom 120 ft. desc., running stream 2 lks. wide, course
W. (From spring 15 chs. to the East.)

40.90 To Cor. No. 4, and Closing Corner on line bet. Secs. 10
and 15, W/2. Also 1/16 sec. cor.
Deposit a sandstone 4 x 3 x 3 ins. mkd. with a +, 14
ins. in the ground, over which set a porphyry stone
24 x 10 x 8 ins., chiseled + for the point, 1/16 C C
on N. face, and 4 - H E S 540 on W. face; and raise
a mound of stone 4 ft. base, 2 ft. high, N. of cor.,
on closing line.

The NW. cor. post. of wire fence bears N. 17°
05' W., 62 lks. dist.

No other witnesses available. Pits impracticable.
The cor. to Secs. 9, 10, 15 and 16, previously
described, brs. S. 89° 53' W., 20.16 chs. dist.
The 1/4 sec. cor. bet. Secs. 10 and 15, previous-
ly described, brs. N. 89° 53' E., 20.16 chs.

Thence S. 0° 17' E., along meridional line, thru center
NW/4, Section 15.
Over level land, along E. side; and 18 lks. dist.,
from wire fence.

20.00 Cross wire fence, brs. W. of N., and E. of S.

40.00 To Cor. No. 5.
Also 1/16 sec. cor. center W/2; Section 15.
Deposit a rhyolite stone 4 x 3 x 3 ins. mkd. with a
+ 14 ins. in the ground, over which set a basalt stone
24 x 12 x 7 ins., chiseled + for the point, 1/16 on
N. face and 5 - H E S 540 on NW. face; and raise a
mound of stone 4 ft. base, 2 ft. high, NW. of cor.
No witnesses available. Pits impracticable.

Chains Thence S. 89° 54' W.
 Over open grass land, ascending gradually.
 10.00 Top 15 ft. asc., low ridge brs. N. and S. Desc. 40 ft.
 to cor.
 16.80 Bottom desc. N. and S. Thence over sagebrush flat.
 19.50 Wire fence, brs. N. and S.
 19.75 To Cor. No. 6.

Deposit a rhyolite stone 4 x 4 x 3 ins. mkd. with a
 + 14 ins., in the ground, over which set a rhyolite
 stone 24 x 9 x 8 ins., chiseled + for the point and
 6 - H E S 540 on NE. face; and raise a mound of stone
 4 ft. base, 2 ft. high, NE. of cor.

No witnesses available. Pits impracticable.

The point for 1/4 sec. cor. bet. Secs. 15 and
 16, which is N. 0° 19' W., 20 lks. from
 witness corner previously described, brs.
 S. 89° 54' W., 45 1/2 lks. dist.

Thence N. 0° 19' W.

On E. bdy. of road exception. Over sagebrush flat.
 0.90 To edge of E. bank of arroyo, 40 lks. wide, 5 ft. deep,
 from S. 10° W., course N.
 1.20 Leave bank of arroyo from S., course N. 25° W.
 10.00 To SW. cor. of cultivated land, thence along W. edge
 of cultivated land.
 15.00 Arroyo, 50 lks. wide, 3 ft. deep, course NE.
 40.00 To Cor. No. 1, and point of beginning.

AREA

Area in Sec. 10	79.90 Acres
Area in Sec. 15	78.89 Acres
Tract A, Area of Claim	158.79 Acres
Tract B, Sec. 10, (Unlisted A. in Road Ex.)	1.88 Acres
Tract B, Sec. 15, " " " " " "	1.84 Acres

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

IMPROVEMENTS

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

A frame house, 20 x 24 ft., the long side extending E. and W., and the SW. cor. of which bears N. 74° 55' E., 9.12 chs. dist. from cor. No. 1.

Value ----- \$600.00

About one mile of wire fence.

Value ----- \$ 70.00

DESCRIPTION

The larger part of this claim is a sagebrush flat.

The NE. corner extends up the rocky slope of a mesa.

There is no timber of any value on the land.

Water is obtained for domestic use from a well at a nearby ranch.

About 40 acres were being plowed at the time of survey and about 120 acres could be cultivated.

There were no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is seperated by the road exception from patented lands belonging to Sylvester Hulsey (H. E. 06382) on the West in Secs. 9 and 16.

Nutrioso, Arizona, the nearest settlement and post office is about 3 miles by wagon road in a Southwesterly direction.

HOMESTEAD ENTRY SURVEY NO. 540

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE

Part in Section 10.

Cor.	Course	Dist.	N	S	E	W	
1-2	N. 0° 35' E.	40.84'	40.84		0.42		
2-3	N. 89° 48' E.	19.40'	0.07		19.40		
3-4	S. 0° 09' W.	40.90'		40.90		0.11	
4-1	S. 89° 53' W.	19.70'		0.04		19.70	
-----			120.84	40.91	40.94	19.82	19.81
					40.91	19.81	
Error in Lat. and Dep.					.03	.01	

Closing Error, 1:3821.

Part in Section 15.

Cor.	Course	Dist.	N	S	E	W	
1-4	N. 89° 53' E.	19.70'	0.04		19.70		
4-5	S. 0° 17' E.	40.00'		40.00	0.20		
5-6	S. 89° 54' W.	19.75'		0.03		19.75	
6-1	N. 0° 19' W.	40.00'	40.00			0.22	
			119.45	40.04	40.03	19.90	19.97
				40.03			19.90
Error in Lat. and Dep.					.01		.07

Closing Error, 1:1689.

Survey completed April 25, 1917.

Lucas

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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 540, STATE OF Arizona.

S-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.			
			NORTH.	SOUTH.	EAST.	WEST.							
			PART IN SEC. 10-T. 7 N. R. 30 E.										
01018	1-2	N. 0° 35' E	40.84	40	84	19	42	42	17	16			
00349	2-3	N. 89° 48' E	19.40	07	40	89	40	20	24	1	42		
00262	3-4	S. 0° 09' W	40.90		40	90		39	52			1615	97
00204	4-1	S. 89° 53' W	19.70			04	19	70	19	70			59
		120.84	40	91	40	94	19	82	19	81		18	58
			40	92	40	92	19	82	19	82			56
				03						01			58
												20/1597	98
												79	899
		Closing error 1:											
			PART IN SEC. 15 T. 7N., R. 30 E.										
00204	1-4	N. 89° 53' E	19.70	04	40	07	19	70	19	71		79	
00495	4-5	S. 0° 17' E	40.00		40	00		20		73		1586	00
00175	5-6	S. 89° 54' W	19.75			03		19	75	20	13		60
00553	6-1	N. 0° 19' W	40.00	40	00					22		20	80
		119.45	40	04	40	03	19	90	19	97		8	79
			40	04	40	04	19	93	19	93			60
												20/1577	81
												78	89
													89

F.P.T.
79.90 Acres.

79.90
78.89
158.79

acres. F.P.T.

151

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 540, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
<i>Tract B in Sec. 10</i>											
Sec. Cor. -1	N. 89-53 E.	.46 ✓			46 ✓		46 ✓				
1 - 2	N. 0-35 E.	40.84 ✓	40 84 ✓		42 ✓		1 34 ✓	54 73 ✓			
2 - 1/4	S. 89-48 W.	.46 ✓				46 ✓	1 30 ✓				
1/4 - Sec.	S. 0-35 W.	40.84 ✓		40 84 ✓		42 ✓	42 ✓			17 15 ✓	
			40 84 ✓	40 84 ✓	88	88		54 73 ✓		17 15 ✓	
								<u>17 15</u>			
								<u>20/37 58</u>			
								1 88 Acres.			
<i>in Sec. 15</i>											
Sec. - 1/4	S. 0-19 E.	40.00 ✓		40 00 ✓	22 ✓		22 ✓			8 80 ✓	
1/4 - 6	N. 89-54 E.	.46 ✓			46 ✓		90 ✓				
6 - 1	N. 0-19 W.	40.00 ✓	40 00 ✓			22 ✓	1 14 ✓	45 60 ✓			
1 - Sec. cor.	S. 89-53 W.	.46 ✓				46 ✓	46 ✓				
			40 00 ✓	40 00 ✓	68	68		45 60 ✓		8 80 ✓	
								<u>8 80</u>			
								<u>20/36 80</u>			
								1 84 Acres.			

1579

DIRECTIONS.—1. Carry out calculation to two decimals only.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 540, STATE OF ARIZONA - APACHE

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
<u>Section 10</u>	S. 89-30 W.	40.18		35		40 18			
	S. 89-55 W.	39.10		06		39 10			
	S. 0-35 W.	81.68		81 68		83			
	N. 89-53 E.	80.64	16		80 64				
	N. 0-09 W.	81.85	81 85			21			
			82 01	82 09	80 64	80 32			
				82 01	80 32				
	Error in Lat. and Dep.			08	32				
<u>Section 15</u>	N. 89-53 E.	80.64	16		80 64				
	S. 0-10 E.	79.98		79 98	23				
	S. 89-56 W.	80.24		09		80 24			
	N. 0-19 W.	80.00	80 00			44			
			80 16	80 07	80 87	80 68			
			80 07		80 68				
	Error in Lat. & Dep.		09		19				

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 28, 1920

The foregoing field notes of Homestead Entry Survey No.

540

executed by Lee C. Daves, Surveyor
under his special instructions, dated April 7, 1917, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

[Forest Service Title.]



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.