

ORIGINAL

**U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE**

FEB-2 1920

APR 17 1920

501 = add.
513 = "
4 = "
5 = "
6 = "
9 = "

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 502

SITUATED IN THE **APACHE** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 4, -- surveyed, Township 7 N., Range 30 E.

(Twp. partly surveyed and accepted)

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA

Applicant for listing **Arch S. Ruth,**

Residence **Nutrioso, Arizona.**

Application No. **279**, dated **April 29**, 19 **13**

List No. **3-3174**, dated **May 21**, 19 **14**

Applicant for survey **Melvin L. Odell,**

Residence **Nutrioso, Arizona.**

H. E. No. **029605**, dated **February 29**, 19 **16.**

Office, **Phoenix, Arizona,**
Land District

Survey executed by **Lee C. Daves, Surveyor - Forest Service,**
[Forest Service Title.]

Under special instructions dated **June 21**, 19 **16**

Survey commenced **April 26**, 19 **17**

Survey completed **May 1**, 19 **17**

Under Acts of **June 11, 1906 and August 11, 1916.**

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. **502**, 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.

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

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

Lee Daves

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
June 21, 19 **16**, 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. **3-3174**, dated **May 21**, 19 **14**, for
Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **502**,
situated within the **APACHE** National Forest, in
-- surveyed Section **4**, Township **7 N.**, Range **30 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.

Lee Daves

Surveyor - Forest Service

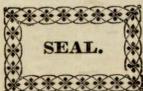
[Forest Service Title.]

DISTRICT OF COLUMBIA, SS:

Subscribed and sworn to before me this **19th** day of

January, 19 **20**

Sydney L. McLaughlin
Notary Public,



HOMESTEAD ENTRY SURVEY NO. 502

APACHE NATIONAL FOREST

STATE OF ARIZONA.

1.

Chains Applicant for listing, Arch S. Ruth; Application No. 279, dated April 29, 1913; List No. 3-3174, dated May 21, 1914; H. E. 029605 made in the Phoenix Land Office on February 29, 1916 by Melvin L. Odell.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 21, 1916, and designated as Homestead Entry Survey No. 502.

Situated in surveyed Sec. 4, T. 7 N., R. 30 E., partly 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 26, 1917, and executed with a Buff and Buff transit No. 9702, equipped with Smith solar attachment.

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.

RETRACEMENT AND RESURVEY
Sec. 4, T. 7 N., R. 30 E.

April 26, 1917.

Note: The retracement was commenced at Cor. of Secs. 3, 4, 9 and 10, using the azimuth as determined by me on April 22, 1917 by Polaris obsn. at this point in connection with the survey of H. E. S. 540 and subsequently verified, as will appear in these notes.

From Cor. of Secs. 3, 4, 9 and 10, T. 7 N., R. 30 E., which is a basalt stone in place, (Recorded as a limestone), showing 24 x 20 x 12 ins. above ground, marked + on top, 3 notches on East, and 5 on South edges, with a mound of stone 4 ft. base, 2 ft. high West of cor.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Thence West. (Record course S. 89° 56' W.)
On random line bet. Secs. 4 and 9.

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

79.80 Falls 257 lks. South of the cor. of Secs. 4, 5, 8 and 9, which is a basalt stone 26 x 12 x 9 ins., marked with 3 notches on East and 5 on South faces. I add + on top and reset 16 ins. in ground; and raise a mound of stone 4 ft. base, 2 ft. high W. of cor.

No witnesses available. Pits impracticable.

Thence S. 88° 09' E.

On true line bet. Secs. 4 and 9.

39.92 Proportional point for 1/4 cor.

Deposit a sandstone 4 x 4 x 2 ins. marked with a + 16 ins. in the ground, over which set a basalt stone 26 x 8 x 4 ins. chiseled + for the point, 1/4 on N. face for 1/4 sec. cor. bet. Secs. 4 and 9, and raise a mound of stone 4 ft. base, 12 ft. high North of cor.

No witnesses available. Pits impracticable.

59.88 Set temp. 1/16 sec. cor. bet. Secs. 4 and 9, E/2.

79.84 The Cor. of Secs. 3, 4, 9 and 10, previously described.

From the cor. to Secs. 4, 5, 8 and 9, above described,

Thence North (Record course N. 0° 08' E.)

On random line bet. Secs. 4 and 5.

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

75.95 Falls 771 lks. East of the cor. Secs. 4, 5, 32 and 33, on West bdy. of T. 7 N., R. 30 E., which is a basalt stone 20 x 10 x 8 ins. marked with 4 notches on East and 2 notches on West faces. I add + on top; and raise a mound of stone 4 ft. base, 2 ft. high North of cor.

No witnesses available. Pits impracticable.

Thence S. 5° 48' E.

On true line bet. Secs. 4 and 5. (Proportioning the measured distance to that reported in the original field notes -

76.34 : 80.10 :: 38.22 : 40.10.)

APACHE NATIONAL FOREST

STATE OF ARIZONA.

- Chains
38.22 Reestablish the 1/4 Sec. cor. bet. Secs. 4 and 5, as hereinafter described under Cor. No. 1 of this survey.
57.28 Set temp. 1/16 sec. cor. bet. secs. 4 and 5, S/2.
76.34 The cor. of Secs. 4, 5, 8 and 9, previously described.

From the cor. of Secs. 4, 5, 32 and 33, on North bdy. of T. 7 N., R. 30 E., previously described.
Thence East, (~~Record course East~~)
Retracing line bet. Secs. 4 and 33, W/2.

- 40.20 Falls 55 lks. North of the 1/4 sec. cor. bet. Secs. 4 and 33, which I restore as follows:
Find the original stone loose on the ground.
At the record bearing and distance, from a cedar 22 ins. in dia., marked 1/4 S B T, I set the original basalt stone 20 x 8 x 4 ins. (Recorded as sandstone), plainly marked 1/4 on North face, 12 ins. in the ground, and add + on top; raise a mound of stone 4 ft. base, 2 ft. high North of cor., whence:
A cedar 22 ins. in dia. bears South 22 lks. dist. marked 1/4 S B T (Old B T)
No other witnesses available. Pits impracticable.

Thence N. 89° 13' W.

On true line bet. Secs. 4 and 33, W/2.

- 20.10 Set temp. 1/16 sec. cor. bet. Secs. 4 and 33, W/2.
30.15 Set temp. 1/64 sec. cor. bet. Secs. 4 and 33, W/2 of W/2.
40.20 The cor. Secs. 4, 5, 32 and 33, previously described.
April 26, 1917.

April 27, 1917.

From the 1/4 sec. cor. bet. Secs. 4 and 33, above described.

Thence East (Record course N. 89° 53' W.)

On random line bet. Secs. 4 and 33, E/2.

- 39.55 Falls 48 lks. South of the Cor. of Secs. 3, 4, 33 and 34,

Chains which is a basalt stone 4 x 10 x 8 ins. above ground, marked and witnessed as described by the Surveyor General. True line is therefore S. 89° 18' W., 39.55 chs.

From the corner of Secs. 3, 4, 33 and 34, previously described.

Thence South (Record course S. 0° 12' W.)
On random line bet. Secs. 3 and 4.

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

78.60 Falls 789 lks. West of the cor. of Secs. 3, 4, 9 and 10, previously described.

Thence N. 5° 44' W.,
On a true line. (Proportioning the measured distance to that reported in the original field notes -
79 : 80.20 :: 39.40 : 40.)

19.70 Set temp. 1/16 sec. cor. bet. Secs. 3 and 4, S/2.

39.40 Reestablish 1/4 sec. cor. bet. Secs. 3 and 4.
Deposit a basalt stone 8 x 4 x 3 ins. marked with a + 14 ins. in the ground, over which set a basalt stone 24 x 9 x 8 ins. chiseled + for the point and 1/4 on West face; and raise a mound of stone 4 ft. base, 2 ft. high West of cor., whence:

A cedar 10 ins. dia., bears N. 7° 30' E.,
5 lks. dist., marked 1/4 S 3 + B T.
A pinon 12 ins. dia., bears N. 75° 50' W.,
67 lks. dist., marked 1/4 S 4 + B T.

79.00 The cor. Secs. 3, 4, 33 and 34, previously described.

SUBDIVISION

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

Thence N. 5° 30' W.
On a random meridional 1/4 sec. line through sec. 4.

39.00 Set temp. center 1/4 sec. cor.

77.05 Falls 11 lks. East of the 1/4 sec. cor. bet. Secs. 4

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains	<p>and 33. I move temp. center 1/4 sec. cor. West 5-1/2 lks.</p> <p>True line is N. 5° 35' W., 77.05 chs.</p> <hr/> <p>From the 1/4 Sec. cor. bet. Secs. 4 and 5, previously described:</p> <p>Thence S. 88° 09' E.</p> <p>On random latitudinal 1/4 sec. line through Sec. 4.</p> <p>40.08 Falls 45 lks. South of temp. center 1/4 sec. cor.</p> <p>79.92 Falls 90 lks. South of 1/4 sec. cor. bet. Secs. 3 and 4.</p> <p>Point for temp. center 1/4 sec. cor. is therefore at temp. cor.</p> <p>Thence N. 88° 48' W.</p> <hr/> <p>On true latitudinal 1/4 sec. line through Sec. 4.</p> <p>19.92 Set temp. 1/16 sec. cor. center E/2 sec. 4.</p> <p>39.84 The temp. center 1/4 sec. cor.</p> <p>59.88 Set temp. 1/16 sec. cor. center W/2 Sec. 4.</p> <p>69.90 Set temp. 1/64 sec. cor. center W/2 of W/2 Sec. 4.</p> <p>79.92 The 1/4 sec. cor. bet. secs. 4 and 5, previously described.</p> <hr/> <p>Returning to the 1/4 sec. cor. bet. Secs. 4 and 9, previously described.</p> <p>Thence N. 5° 35' W.</p> <p>On true meridional 1/4 sec. line through Sec. 4.</p> <p>19.50 Set temp. 1/16 sec. cor. center S/2 Sec. 4.</p> <p>39.00 The temp. center 1/4 sec. cor. Sec. 4.</p> <p>77.05 The 1/4 sec. cor. bet. Secs. 4 and 33, previously described.</p> <hr/> <p>From the temp. 1/16 sec. cor. bet. Secs. 4 and 9, E/2.</p> <p>Thence N. 5° 44' W.</p> <p>On random line through SE/4 Sec. 4.</p> <p>19.50 Set temp. 1/16 sec. cor.</p> <p>39.20 Falls 5 lks. West of temp. 1/16 sec. cor. center E/2 Sec. 4.</p> <p>I move temp. 1/16 sec. cor. at center of SE/4 Sec. 4 East 2-1/2 lks.</p>
--------	--

7

Chains-	From the temp. 1/16 sec. cor. center S/2 Sec. 4. Thence S. 88° 09' E. On random line through SE/4 Sec. 4.
19.94	Falls 6 lks. South of temp. 1/16 Sec. cor.
39.88	Falls 32 lks. South of temp. 1/16 sec. cor. bet. Secs. 3 and 4, S/2. Point of 1/16 sec. cor. center SE/4 Sec. 4 is therefore N. 5° 40' W., 10 lks. from temp. point. Thence N. 88° 37' W. On true line through SE/4 Sec. 4.
19.94	Set temp. 1/16 sec. cor. center SE/4 Sec. 4.
39.88	The temp. 1/16 sec. cor. center S/2 Sec. 4.
	Returning to the temp. 1/16 sec. cor. bet. Secs. 4 and 9, E/2. Thence N. 5° 40' W. On true line through SE/4 Sec. 4.
19.60	The temp. 1/16 sec. cor. center SE/4 Sec. 4.
39.20	The temp. 1/16 sec. cor. center E/2 Sec. 4.
	April 27. 1917.
	April 28, 1917. From the temp. 1/16 sec. cor. bet. Secs. 4 and 5, S/2. Thence S. 88° 09' E. On random line through SW/4 Sec. 4.
40.00	Falls 32 lks. South of temp. 1/16 sec. cor. center S/2 Sec. 4. True line is therefore N. 88° 37' W., 40.00 chs.
	From the temp. 1/16 sec. cor. center W/2 Sec. 4. Thence N. 5° 41' W. On random line through NW/4 Sec. 4 for the temp. 1/16 sec. cor. bet. Secs. 4 and 33, W/2, which is plainly visible.
38.13	The temp. 1/16 sec. cor. bet. Secs. 4 and 33 W/2. True line is therefore N. 5° 41' W., 38.13 chs.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains From the temp. 1/64 sec. cor. bet. Secs. 4 and 33, W/2
of W/2.
Thence S. 5° 45' E.
On random line for the temp. 1/64 sec. cor. center of
W/2 of W/2 Sec. 4, which is plainly visible.
38.17 The temp. 1/16 sec. cor. center W/2 of W/2 Sec. 4.
True line is therefore N. 5° 45' W., 38.17 chs.

BOUNDARIES OF CLAIM

TRACT A

Beginning at Cor. No. 1,

Identical with the 1/4 sec. cor. bet. Secs. 4 and 5,
previously mentioned.

Deposit a porphyry stone 24 x 10 x 4 ins. marked with
a + 14 ins. in the ground, over which set a porphyry
stone 24 x 10 x 4 ins. chiseled + for the point and
1/4 on West face for 1/4 sec. cor., and raise a mound
of stone 4 ft. base, 2 ft. high West of cor., and
alongside SE. of 1/4 sec. cor. stone set a porphyry
stone 24 x 9 x 4 ins. 18 ins. in the ground, marked
1 H E S 502 on SE. face.

No witnesses available. Pits impracticable.

Mag. decl. at 7h. a.m. is 13° 30' E. Mean mag. decl.

13° 27' E.

Lat. 34° 01' 43" N., Long. 109° 11' 38" W., from the
Forest Service Base Map:

Thence S. 88° 48' E.,

Along lat. line through center of Sec. 4, along open
North slope.

10.02 To Cor. No. 2,

Identical with temp. pt. for 1/64 sec. cor. at center
of W/2W/2 Sec. 4.

Deposit a sandstone 5 x 4 x 2 ins. marked with a +
14 ins. in the ground, over which set a sandstone
24 x 10 x 6 ins. chiseled + for the point and 2

Chains

H E S 502 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor.

No witnesses available. Pits impracticable.

April 28, 1917.

Note: The center line method of laying down the boundaries of the road exception was not used in this survey.

April 29, 1917.

Thence S. 63° 20' E.

On SW. bdy. of road exception, along NE. slope over open land.

25.80 To Cor. No. 3.

Point for cor. falls on a basalt stone in place showing 40 x 34 x 28 ins. above ground. I chisel + on top and 3 H E S 502 on SW. face for cor. No. 3; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor.

No witnesses available. Pits impracticable.

Thence S. 32° 34' E.

On SW. bdy. of road exception, along foot of NE. slope over open land.

9.65 To Cor. No. 4.

Deposit a basalt stone 7 x 5 x 5 ins. marked with a + 16 ins. in the ground, over which set a basalt stone 26 x 12 x 6 ins. chiseled + for the point and 4 H E S 502 on NW. face; and raise a mound of stone 4 ft. base, 2 ft. high NW. of cor.

No witnesses available. Pits impracticable.

Temporary point for 1/6 Sec. Cor, center of S.E. 1/4 Sec. 4, brs. S. 88° 37' E. 23.64 chs.

Thence N. 88° 37' W.,

Along lat. line through center of SW/4 Sec. 4. Ascend steep and rocky East slope.

14.05 Top of 200 ft. asc. Rim rock, bears NW. and SE. Thence over level mesa.

36.30 To Cor. No. 5 and Closing Corner on line bet. Secs. 4 and 5. Also 1/16 sec. cor.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

Deposit a basalt stone 4 x 4 x 2 ins. marked with a + 10
 14 ins. in the ground, over which set a basalt stone
 24 x 16 x 12 ins. chiseled + for the point and 5 H E S
 502 on NE., C C on East and 1/16 on West face; and
 raise a mound of stone 4 ft. base, 2 ft. high S. 88°37'
 E. of cor. on closing line.
 No witnesses available. Pits impracticable.

Thence N. 5° 48' W.

Along line bet. Secs. 4 and 5, over level open mesa.

3.74 Rim rock, bears East and West. Desc. abruptly 200 ft.
to cor.

19.06 To Cor. No. 1 and point of beginning.

April 28, 1917.

TRACT B

April 29, 1917.

Beginning at Cor. No. 6 on North bdy. of road exception.

Deposit a sandstone 4 x 2 x 2 ins. marked with a +
 14 ins. in the ground, over which set a basalt stone
 24 x 10 x 7 ins. chiseled + for the point and 6 H E S
 502 on NE. face; and raise a mound of stone 4 ft.
 base, 2 ft. high NE. of cor.

No witnesses available. Pits impracticable.

Cor. No. 2, heretofore described, bears S.

5° 45' E., '59 lks. dist.

Thence N. 5° 45' W.

Along meridional line through center W/2 NW/4 Sec. 4.

Desc. 25 ft. to cor. over open land.

37.58 To Cor. No. 7 and Closing Corner on line bet. Secs. 4
and 33. Identical with temp. 1/64 sec. cor.

Deposit a sandstone 2 x 2 x 2 ins. marked with a +
 14 ins. in the ground, over which set a basalt stone
 24 x 16 x 7 ins. chiseled + for the point and 7 H E S
 502 on SE., C C on South face; and raise a mound of
 stone 4 ft. base, 2 ft. high S. 5° 45' E. of cor. on
 closing line.

Chains

No witnesses available. Pits impracticable.

The cor. Secs. 4, 5, 32 and 33, heretofore described, bears N. 89° 13' W., 10.05 chs. dist.

The 1/4 sec. cor. bet. Secs. 4 and 33, heretofore described, bears S. 89° 13' E., 30.15 chs. dist.

Thence S. 89° 13' E.

On North bdy. along line bet. Secs. 4 and 33, over level creek bottom land.

10.05 To Cor. No. 8 and Closing Corner on line bet. Secs. 4 and 33, also 1/16 sec. cor.

Deposit a basalt stone 3 x 3 x 2 ins. marked with a + 14 ins. in the ground, over which set a basalt stone

24 x 12 x 4 ins. chiseled + for the point 1/16 on

North, C C on South, and 8 H. E. S. 502 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high S. 5° 41' E. of cor. on closing line.

No witnesses available. Pits impracticable.

The cor. secs. 4, 5, 32 and 33, heretofore described, bears N. 89° 13' W., 20.10 chs. distant.

The 1/4 sec. cor. bet. secs. 4 and 33, heretofore described, bears S. 89° 13' E., 20.10 chs. dist.

Thence S. 5° 41' E.

Along meridional line through center NW/4 Sec. 4, over level creek bottom land, open land.

0.50 Nutrioso Creek, running water 15 lks. wide, 2 ft. deep, course NE.

12.00 Nutrioso creek, running water 15 lks. wide, 2 ft. deep, course N. 15° W.

38.13 To Cor. No. 9, also 1/16 sec. cor. center W/2 Sec. 4.

Deposit a basalt stone 6 x 4 x 2 ins. marked with a + 14 ins. in the ground, over which set a basalt

APACHE NATIONAL FOREST

STATE OF ARIZONA.

13

Chains

stone 24 x 16 x 6 ins. chiseled + for the point, 1/16 on North and 9 H E S 502 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor. No witnesses available. Pits impracticable.

Thence S. 88° 48' E.

Along latitudinal line through center Sec. 4, over level creek bottom, open land.

15.50 Nutrioso Creek, running water 8 lks. wide, 1 ft. deep, course North.

28.50 Wire fence, bears North and South. Begin asc. of 70 ft. to cor.

33.00 Enter scattering cedar and pinon timber, bears NW. and SE.

39.96 To Cor. No. 10; also 1/16 sec. cor. center E/2 Sec. 4. Deposit a rhyolite stone 5 x 3 x 3 ins. marked with a + 20 ins. in the ground, over which set a rhyolite stone 30 x 12 x 8 ins. chiseled + for the point, 1/16 on N. end 10 H E S 502 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor., whence:

A pinon 12 ins. dia. bears N. 82° 15' W., 36 lks. dist.

A pinon 4 ins. dia. bears S. 46° 30' W., 62 lks. dist.

Each marked 1/16 10 H E S 502 + B T

April 30, 1917.

May 1, 1917.

Thence S. 5° 40' E.

Along meridional line through center SE/4 Sec. 4. Desc. 100 ft. to cor., through scattering pinon and cedar timber.

5.00 Leave timber, bears NW. and SE.

19.31 Wire fence, bears East and West.

19.35 To Cor. No. 11 on North bdy. road exception.

Deposit a sandstone 7 x 6 x 6 ins. marked with a +

20 ins. in the ground, over which set a sandstone
30 x 12 x 8 ins. chiseled + for the point and
11 H E S 502 on NW. face; and raise a mound of stone
4 ft. base, 2 ft. high NW. of cor.

No witnesses available. Pits impracticable.

Temp. pt. for 1/16 sec. cor. center SE/4 bears
S. 5° 40' E. 25 lks. dist.

Note: The width of the road exception along the
South boundary of this claim was reduced to 25
lks. in accordance with the desire of the
Forest Service.

Thence N. 88° 37' W.

On North bdy. road exception. Over level open land,
along South side wire fence.

8.00 Cross to North side wire fence.

20.00 Nutrioso Creek 10 lks. wide, 1 ft. deep, course N. 10° W.

23.20 To Cor. No. 12.

Deposit a basalt stone 4 x 4 x 3 ins. marked with a +
16 ins. in the ground, over which set a basalt stone
24 x 8 x 4 ins. chiseled + for the point and 12 H E S
502 on NE. face; and raise a mound of stone 4 ft. base,
2 ft. high NE. of cor.

No witnesses available. Pits impracticable.

Cor. No. 4, heretofore described, bears S. 61°
45' W., 50 lks. dist.

Thence N. 32° 34' W.

On NE. bdy. of road exception. Over level open land.

9.83 To Cor. No. 13.

Deposit a basalt stone 3 x 2 x 2 ins. marked with a +
16 ins. in the ground, over which set a basalt stone
26 x 12 x 4 ins. chiseled + for the point and 13 H E S
502 on NW. face; and raise a mound of stone 4 ft. base,
2 ft. high NE. of cor.

THE APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

No witnesses available. Pits impracticable.

Thence N. 63° 20' W.

On NE. bdy. road exception, over open land.

26.27 To Cor. No. 6 and point of beginning.

May 1, 1917.

AREA

Area Tract A - - - - -	50.31 Acres
Area Tract B - - - - -	<u>100.78</u> Acres
Total Area - - - - -	151.09 Acres
Tract C (Unlisted area in road exception) - -	2.37 Acres

IMPROVEMENTS

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

A frame shack 14 x 16 ft., the long sides extending N. and S., the NW. cor. of which bears S. 80° 40' E., 22.42 chs. dist. from Cor. No. 9.

Value - - - \$100.00

A well 60 ft. deep, 6 ft. in dia., with 10 ft. of water, the center of which bears S. 78° 05' E., 22.30 chs. dist. from Cor. No. 9.

Value - - - \$250.00

DESCRIPTION

The claim is situated in the valley of Nutrioso Creek; excepting a few scattered trees the land is open.

The only land unfit for agriculture is the North slope of a high mesa in the SW. cor. of the claim, comprising about 15 acres.

Water for domestic use is obtained from a well near the house.

No indication of mineral was observed on the land.

about 10 acres have been cultivated.

There is no timber of commercial value on the claim.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is joined in part on the East by land patented to David Croxton under Cash Entry No. 409 embracing the E/2 NW/4 Sec. 4; and on the South by land patented to J. S. Reagan, H. E. 089 embracing the SW/4 SE/4 Sec. 4, E/2 NW/4 and NW/4 NE/4 Sec. 9. Nutrioso, Arizona, the nearest settlement and postoffice, is about 5 miles to the South.

TRAVERSES

Tract A

Cor.	Course	Dist.	N.	S.	E.	W.	
1-2	S. 88° 48' E.	10.02		.21	10.02		
2-3	S. 63° 20' E.	25.80		11.58	23.06		
3-4	S. 32° 34' E.	9.65		8.13	5.19		
4-5	N. 88° 37' W.	36.30	.88			36.29	
5-1	N. 5° 48' W.	19.06	18.96			1.93	
			100.83	19.84	19.92	38.27	38.22
					19.84	38.22	
Error in Lat. and Dep.				.08		.05	

Closing error 1/1069

Tract B

6-7	N. 5° 45' W.	37.58	37.39			3.77	
7-8	S. 89° 13' E.	10.05		.14	10.05		
8-9	S. 5° 41' E.	38.13		37.94	3.78		
9-10	S. 88° 48' E.	39.96		.84	39.95		
10-11	S. 5° 40' E.	19.35		19.26	1.91		
11-12	N. 88° 37' W.	23.20	.56			23.19	
12-13	N. 32° 34' W.	29.83	8.28			5.29	
13-6	N. 63° 20' W.	26.27	11.79			23.48	
			204.37	58.02	58.18	55.69	55.73
					58.02	55.69	
Error in Lat. and Dep.				.16		.04	

Closing error 1/1239

Survey completed May 1, 1917.

Lee Daves

Surveyor - Forest Service,

DIRECTIONS.—1. Carry out calculation to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected footing in red ink.
 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. 502, STATE OF Arizona

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 88-48 E.	10.02'		20' 21'	Tract A 10 02' 23 06'		10 01'		2 00'
2-3	S. 63-20 E.	25.80'		36' 11 58'			43 07'		497 89'
3-4	S. 32-34 E.	9.65'	91'	8 13'	5 19'		71 31'		579 75'
4-5	N. 88-37 W.	36.30'	88' 48'	"			49 19'	36 57'	
5-1	N. 5-48 W.	19.06'	18 96'	"			1 94'	36 82'	
		100.83'	19 84' 13 89'	19 92' 17 87'	38 27' 38 22'			73 39'	1079 64'
				19 84'	38 22'				73 39'
		Error in Lat. and Dep.	08'		05'				20/1006 25'
		Closing error 1/1069'							50.31 Acres
6-7	N. 5-45 W.	37.58'	37 39'		Tract B 10 05'		3 76'	140 70'	
7-8	S. 89-13 E.	10.05'	"	14' 37 94'	3 78'		10 05'		1 41'
8-9	S. 5-41 E.	38.13'	"	84' 37 94'	39 95'		23 89'		905 67'
9-10	S. 88-48 E.	39.96'	58' 29'	"	1 91'		67 64'		54 79'
10-11	S. 5-40 E.	19.35'	11 79'	19 26'			109 51'		2106 97'
11-12	N. 88-37 W.	23.20'	56' 29'				88 23'	51 17'	
12-13	N. 32-34 W.	9.83'	8 28'				59 75'	495 33'	
13-6	N. 63-20 W.	26.27'	11 79'				30 99'	365 99'	
		204.37'	58 02' 8 8 10'	58 18' 38 70'	55 69' 38 71'			1053 19'	3068 84'
		Error in Lat. and Dep.	16'	58 02'	55 69'				1053 19'
		Closing error 1/1239							20 / 2015 65'
									100 78 Acres

- DIRECTIONS.—1. Carry out calculation to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink. 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. 502, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			North.	South.	East.	West.			
			Tract C (Unlisted area in Road Exception)						
4-3	N. 32-34 W.	9.65	8 13			5 19	51 45	418 29	
3-2	N. 63-20 W.	25.80	11 58			23 06	23 19	268 54	
2-6	N. 5-45 W.	.59	59	78		06	06	04	
6-13	S. 63-20 E.	26.27		11 79			23 47		276 48
13-12	S. 32-34 E.	9.83		8 28			52 23		432 46
12-11	S. 88-37 E.	23.20		56			80 70		45 19
11-pt.1/16	S. 5-40 E.	.25		25			103 90		25 98
pt.1/16-4	N. 88-37 W.	23.64	57			23 63	80 28	45 76	
		119.23	20 87	20 88		51 28		732 63	780 11
			20 87	20 87		51 94			732 63
		Error in lat. and dep.		01		04			20 47 48
	Closing error	1:2893							2 37 Acres

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

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. 502, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Closing Sec. 4	S. 88-09 E.	79.84	78 60	2 58	79 80	7 89			
	N. 5-44 W.	79.00				39 55			
	S. 89-18 W.	39.55	55	48		40 20			
	N. 89-13 W.	40.20							
	S. 5-48 E.	76.34	79 15	75 95	7 71				
		314.93	79 01	79 01	87 51	87 64			
			79 01			87 51			
	Error in Lat. and Dep.		14			13			

APPROVAL

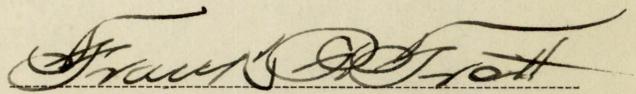
Office of the United States Surveyor General,

Phoenix, Arizona, April 29, 1920

The foregoing field notes of Homestead Entry Survey No.

502

executed by Lee C. Daves, Surveyor, [Forest Service Title.]
under his special instructions, dated June 21, 1916, 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.