

ORIGINAL

119

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUL 13 1920

MAR 5 1920

JUL 20 1917

Handwritten note: HUNTER'S

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 239

SITUATED IN THE

APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 15, surveyed, Township 6 N., Range 30 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

L. R. Mercer, Surveyor, Forest Service,
Survey executed by C. A. Long, Surveyor - Forest Service; and
R. P. A. Johnson, Surveyor - Draftsman
Under special instructions dated August 6, 1914
Survey commenced October 11, 1914
Survey completed May 5, 1920
Under Acts of June 11, 1906 and June 30, 1914
August 11, 1916, and July 24, 1919.

Applicant for listing Robert M. Martin,

Residence Nutrioso, Arizona

Application No. 189, dated February 3, 1912

List No. 3-1979, dated July 15, 1912

Applicant for survey Robert M. Martin,

Residence Nutrioso, Arizona

H. E. No. 022020, dated April 3, 1913

Office Phoenix, Arizona
Land district

Handwritten note: 1-7-18

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OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long,
Surveyor - Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 239, in
- surveyed Section 15, Township 6 N., Range 30 E.,
- surveyed Section - - -, Township - - -, Range - - -,
- - - - -
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 incon-
venient to appear before
an officer to administer
oaths to Assistants; hence,
they were taken by the
Surveyor.

W. R. Wames Chairman

Fred Furley Chairman

Subscribed and sworn to before me this 15th day of
October, 19 14

C. A. Long

Surveyor - Forest Service

OATH OF SURVEYOR

I, C. A. Long, Surveyor - Forest Service, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
August 6, 19 14, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List, No. 3-1979 dated July 15, 19 12, for
PATENT, under the Act of June 11, 19 06,
the same to be known as Homestead Entry Survey No. 239,
situated within the APACHE National Forest, in
- surveyed Section 15, Township 6 N., Range 30 E., and
- surveyed Section - - -, Township - - -, Range - - -,
- - - - -
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 perpet-
uated in strict accordance with the stated special instruc-
tions, and in the specific manner described in the field
notes, and that the following are the original field notes
of such survey.

C. A. Long

Surveyor - Forest Service

Subscribed and sworn to before me this 23rd day of
April, 19 15.

Elmer C. Myers
Notary Public



U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township , Range

of the

Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land District

Survey executed by

Under special instructions dated

Survey commenced

Survey completed

Under Acts of

[Forest Service Title.]

, 19

, 19

, 19

OATH OF ASSISTANTS

We hereby certify that we assisted R. P. A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 239, in the State of Arizona which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

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

Charles A. Lee, Chairman
Howard B. Ricketts, Chairman

Subscribed and sworn to before me this 30th day of September, 1916.

R. P. A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, R. P. A. Johnson Surveyor Draftsman
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated August 6, 1914, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in List 3-1979, dated July 15, 1912 and certain tracts of adjoining land upon the application of Robert M. Martin,

Application, No. 189, dated February 3, 1912, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 239, situated within the APACHE National Forest, in - surveyed Section 15, Township 6 N., Range 30 E., and - surveyed Section - - - - , Township - - - - , Range - - - - ,

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

R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this fourteenth day of April, 1917.

Ethel M. Gutchall
Notary Public



Commission expires Mar. 17 1921
8-2349

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township, Range

of the Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land Office

Survey executed by

[Forest Service Title.]

Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of

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OATH OF ASSISTANTS

We hereby certify that we assisted L. R. Mercer
Surveyor Forest Service [Forest Service Title.] in surveying all those

parts or portions of Homestead Entry Survey No. 239, in the State of Arizona which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona.

Note: It would have been very expensive and inconvenient to appear before an officer to administer oath to Assistants; hence it was taken by the Surveyor.

Edward Tenney
Cecil C. Armstrong
Chainmen

Subscribed and sworn to before me this Sixteenth day of

June, 1920. L. R. Mercer
Surveyor Forest Service

OATH OF SURVEYOR

I, L. R. Mercer, Surveyor-Forest Service,
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated Aug. 6, 1914, 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. 3-1979, dated July 15, 1912, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 239, situated within the Apache National Forest, in surveyed Section 15, Township 6 N., Range 30 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

L. R. Mercer
Surveyor-Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this 22nd day of

June, 1920

Ezra G. Myers
Notary Public



8-2349

My commission expires March 17, 1921.

HOMESTEAD ENTRY SURVEY NO. 239

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains. Applicant for listing Robert M. Martin; Application No. 189, dated February 3, 1912; List No. 3-1979, dated July 15, 1912; H.E. No. 022020 made in the Phoenix Land Office at Phoenix, Arizona on April 3, 1913, by Robert M. Martin.

Also certain tracts of unlisted land adjoining claimant's entry on the South and West were included in this survey. The land is agricultural in character, was desired by the entryman and will be listed as a basis for amendment of his Entry No. 022020.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 6, 1914, and designated as Homestead Entry Survey No. 239.

Situated in Sec. 15, T. 6 N., R. 30 E., Gila and Salt River Base and Meridian, within the Apache National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, June 30, 1914, August 11, 1916 and July 24, 1919.

Survey commenced October 11, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 11920, provided with a full vertical circle and horizontal limb having two double verniers placed opposite each other and reading to single minutes of arc, which is also the least reading of the verniers on the vertical circle.

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

All measurements were made on the slopes with a 500 link steel tape, and the slope angles were determined with a clinometer, the horizontal distances alone appearing in these notes.

October 11, 1914.

At Cor. No. 15 of this survey, hereinafter described, Lat. $33^{\circ}54'46''$ N. Long. $109^{\circ}11'00''$ W. from special instructions

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains from the Surveyor General. At 6h. 15.7m. p.m. by my watch, which is set for local mean time, I observe Polaris at Eastern Elongation with telescope direct and reversed. The difference between the two readings as marked on a stake 5.00 chs. N. of my station is 1/4 in. I mark the mean on the ground by driving a tack in the stake previously set.

October 12, 1914.

At Cor. No. 15 of this survey at 8:00 a.m., I turn off the azimuth of Polaris $1^{\circ} 23' 06''$ to the West and mark the meridian thus determined by driving a tack in a stake 5.00 chs. N. of my station.

The magnetic bearing of the stated meridian at 10:30 a.m. is N. $15^{\circ} 30'$ E., which gives the mean magnetic declination $15^{\circ} 30'$ E.

October 11, 1914

C. A. Long, Surveyor, Forest Service.

September 26, 1916.

In accordance with instructions from the District Forester, I, R. P. A. Johnson, Surveyor-Draftsman, together with Chester A. Lee and H. B. Ricketts, Assistants, return to this claim on September 26, 1916, and include adjoining agricultural lands desired by the entryman. I test the adjustments of my Buff and Buff light mountain 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.

September 26, 1916; p.m.

At 7h. 12m. p.m., l.m.t., I observe Polaris for azimuth at Eastern Elongation with telescope direct and reversed at Cor. No. 1, hereinafter described. The reading on the reference object is set at zero. The mean horizontal angle West of star is $39^{\circ} 08'$. The azimuth of

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

Polaris at Elongation $1^{\circ}22'22''$. The bearing of reference object is N. $37^{\circ}45'38''$ W.

Lat. $33^{\circ}54'49''$ N., Long. $109^{\circ}11'04''$ W., from special instructions from the Surveyor General.

September 27, 1916.

At 7h. 08m. p.m., l.m.t., I again observe Polaris for azimuth at Eastern Elongation with telescope direct and reversed at Cor. No. 1, hereinafter described. The reading on the reference object is set at zero. The mean horizontal angle West of star is $39^{\circ}08'15''$. The azimuth of Polaris at Elongation is $1^{\circ}22'22''$. The bearing of reference object is N. $37^{\circ}45'53''$ W. The mean of these two obsns. is N. $37^{\circ}45'46''$ W., and to the corresponding meridian all the courses of this survey are referred.

RETRACEMENT

From cor. for Secs. 9, 10, 15 and 16, T. 6 N., R. 30 E.,

which is a lava stone $11 \times 8 \times 7$ ins. in mound of stone, marked with 4 notches on S. edge and 3 on E. edge,

(Field notes from Surveyor General record post mkd. T 6 N S 10 on NE., R 30 E S 15 on SE; S 16 on SW. and S 9 on NW. faces.) with two witness trees corresponding to description given by the Surveyor General for cor. to Secs. 10, 11, 14 and 15. I restore cor. as follows:

Deposit a lava stone $4 \times 3 \times 2$ ins. marked with a + 14 ins. in the ground, over which set a lava stone $24 \times 12 \times 8$ ins. for cor. to Secs. 9, 10, 15 and 16, marked with 4 notches on S. edge and 3 notches on E. edge; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A yellow pine 24 ins. dia. bears N. $24^{\circ}30'$ W.,
48 lks. dist., scribed T 6 N R 30 E S 9 B T.

A yellow pine 8 ins. dia.; bears N. $53^{\circ}00'$ E.,
92 lks. dist., scribed T 6 N R 30 E S 10 B T.

An oak 15 ins. dia. bears S. $71^{\circ}15'$ E., 25 lks.

Chains The bearing of the line is S. 70° 00' E. 24 lks. dist., scribed T 6 N R 30 E S 15 B T.

(Old B T) Recorded in field notes of Surveyor General in description of witnesses for cor. Secs. 10, 11, 14 and 15,

as an oak 24 ins. dia, S. 70° 00' E., 24 lks.

A yellow pine 24 ins. dia. bears S. 25° 30' W.

11 lks. dist., scribed T 6 N R 30 E S 16 B T.

(Old B T - Recorded in field notes from Surveyor General in description of witnesses for

cor. Secs. 10, 11, 14 and 15 as yellow pine

24 ins. in dia. S. 20° 00' W. 11 lks.

Thence S. 9° 31' W. (Record S. 40 chs.)

On random line bet. Secs. 15 and 16.

43.15 Fall 4 lks. to left of 1/4 sec. cor. bet. Secs. 15 and

16, which is a lava stone 8x8x10 ins. above ground, marked 1/4 on W. face, with pits and mound, whence:

A nail in a yellow pine 22 ins. dia., bears S. 42° 00' E., 49 lks. dist., marked 1/4 SBT.

A nail in a yellow pine 27 ins. dia., bears S. 61° 30' W., 52 lks. dist., marked 1/4 SBT.

A nail in a white oak 10 ins. dia., bears N. 33° 30' E., 22 lks. dist., scribed 1/4 SBT.

Note: The above 1/4 cor. was reestablished by Forest Service Surveyor C. A. Long on October 12, 1914, by proportionate measurement between cors. to Secs. 9, 10, 15 and 16 and cor. Secs. 15, 16, 21 and 22.

Return course N. 9° 34' E., 43.15 chs.

From 1/4 sec. cor. bet. secs. 15 and 16, heretofore described,

Thence S. 9° 31' W. (Record South 40 chs.)

On random line bet. Secs. 15 and 16.

43.15 Fall 4 lks. S. 80° 29' E. of cor. for Secs. 15, 16, 21 and 22, which is a round sandstone 8 ins. dia. in a mound of stone marked with 3 notches on S face and 3 notches

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

on E. face. Stone being very small I restore cor. as follows:

Deposit a lava stone 4 x 3 x 2 ins. marked with a + 14 ins. in the ground, over which set a lava stone 24 x 18 x 4 ins. for cor. of Secs. 15, 16, 21 and 22, marked with three notches on S. and E. faces; and raise a mound of stone 3 ft. base, 2 ft. high West of cor., whence:

A yellowpine 18 ins. dia. bears S. 42° 15' W., 143 lks. dist., scribed T 6 N R 30 E S 21 B T
(New B T)

An oak 10 ins. dia., bears N. 85° 30' W., 38 lks. dist., scribed T 6 N R 30 E S 16 B T.

(Old B T) Field notes from Surveyor General record oak 12 ins. dia. N. 70° W. 42 lks. dist.

A yellow pine 24 ins. dia. bears N. 34° 30' E., 90 lks. dist., scribed T 6 N R 30 E S 15 B T.

(New B T)

An oak 20 ins. dia., bears S. 85° 35' E., 24 lks. dist., scribed T 6 N R 30 E S 22 B T.

(Old B T) Field notes from Surveyor General

record oak 18 ins. dia. S. 80° W. 20 lks.

Return course N. 9° 34' E., 43.15 chs.

September 27, 1916.

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

In accordance with letter from the Surveyor General, dated January 7, 1918, I, L. R. Mercer, Surveyor, Forest Service, together with Cecil C. Armstrong and Edward Tenney, Assistants, return to this claim and make necessary retracement of public land lines, and make diligent search for public land cors. on South, East and North bdays. of Sec. 15, T 6 N., R. 30 E. All lines were run with a Buff and Buff transit No. 10019, equipped with Smith solar attachment. I test the adjustments of the transit and make necessary adjustments. All distances are horizontal and were reduced from meas-

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

May 3, 1920.

At the 1/4 cor. bet. Secs. 15 and 16, heretofore described in lat. $33^{\circ} 54' 45''$ N., Long. $109^{\circ} 11' 04''$ W. from

Special instructions from Surveyor General and later verified. I observe Polaris at Western Elongation as follows:

Telescope	Time	Angle to Star
Direct	4h. 48m. p.m.	$10^{\circ} 55'$ left
Reversed	4h. 49.5m. "	$10^{\circ} 56'$ "
Direct	4h. 51m. "	$10^{\circ} 56'$ "
Reversed	4h. 52m. "	$10^{\circ} 54'$ "
Mean	4h. 50.1m. p.m.	$10^{\circ} 55' 15''$

Azimuth of Polaris, $1^{\circ} 21' 13''$ W.

Bearing of reference mark, N. $9^{\circ} 34' 02''$ E.

I accept bearing of reference mark as N. $9^{\circ} 34'$ E. and to the corresponding meridian all courses of this retrace-ment were referred by sustained angulation.

May 4, 1920.

Beginning at Cor. of Secs. 15, 16, 21 and 22, heretofore described,

Thence S. $89^{\circ} 54'$ E.

Retracing line bet. Secs. 15 and 22.

39.88 Point for 1/4 cor. I make a very exhaustive search for 1/4 sec. cor. which is described by Surveyor General as a post with two willow witnesses. I fail to find any trace of post or witnesses. The topography along this line agrees well with that given in the field notes from the Surveyor General.

79.95 Point for cor. Secs. 14, 15, 22 and 23, which is described by Surveyor General as a stone with one witness tree. Make thorough search for cor. but fail to find any evidence of same. Set temp.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains. Thence North,
Retracing line bet. Secs. 14 and 15.
40.00 Make careful search for 1/4 cor. which is described by
Surveyor General as post with one witness tree. I fail
to find any evidence of post or witness.
80.00 Point for cor. Secs. 10, 11, 14 and 15, which is describ-
ed by Surveyor General as stone with two witness trees.
After thorough search I fail to find any trace of
stone or witnesses.
Return to temp. pt. for cor. Secs. 14, 15, 22 and 23.
Thence N. 9° 32' E.
On a random line approximately parallel to West bdy. of
Sec. 15.
43.22 Make careful search for 1/4 cor. but fail to find any
evidence of same.
86.44 Make thorough search for cor. of Secs. 10, 11, 14 and 15,
but fail to find any evidence of same.
May 4, 1920.

May 5, 1920.

Thence S. 89° 59' W.

Retracing line bet. Secs. 10 and 15.

40.10 Make careful search for 1/4 cor., which is described by
the Surveyor General as a stone with two witness trees.
I fail to find any evidence of stone or witnesses.
79.80 Fall 10 lks. S. of cor. to Secs. 9, 10, 15 and 16, here-
before described.
May 5, 1920.

L. R. Mercer, Surveyor, Forest Service.

Sept. 29, 1916. BOUNDARIES OF CLAIM

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

Beginning at Cor. No. 1 and Closing cor. on line bet.
Secs. 15 and 16.

Deposit a lava stone 6 x 3 x 3 ins. marked with a + 14
ins. in the ground, over which set an iron post 2 ins.
dia. 3/8 ins. long, with brass cap marked 1916 1 HES

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains 239 on side facing the claim and C C on SE. face, whence:
 A yellow pine 18 ins. dia., bears N. 80° 10' E.,
 62 lks. dist.
 A yellow pine 20 ins. dia. bears N. 34° 28' W.,
 26 lks. dist.
 Each blazed and scribed 1 HES 239 + BT.
 Cor. of Secs. 9, 10, 15 and 16, heretofore de-
 scribed, bears N. 9° 34' E., 36.27 chs. dist.
 1/4 sec. cor. bet. Secs. 15 and 16, heretofore
 described, bears S. 9° 34' W., 6.88 chs. dist.
 Lat. 33° 54' 49" N., Long. 109° 11' 04" W., from special
 instructions from the Surveyor General and later veri-
 fied.
 Mag. decl. at 10:30 a.m., 15° 30'. Mean mag. decl. 15°
 30' E.
 Thence N. 9° 34' E. Over unlisted land.
 On line bet. Secs. 15 and 16. Desc. 20 ft. to creek
 in timber and underbrush.

2.05 Left bank Paddock Creek, 4 ft. high.

2.40 Paddock Creek, running water 10 lks. wide, 4 ins. deep,
 course NE.

2.80 Right bank Paddock Creek, 1 ft. high. Ascend 15 ft. to
 cor. in open.

8.00 Road bears WNW. and ESE.

10.06 To Cor. No. 2 and Closing cor. on line bet. Secs. 15 and
 16.

Deposit a lava stone 4 x 3 x 2 ins. marked with a + 14
 ins. in the ground, over which set a lava stone 24 x 12
 x 8 ins. chiseled + for the point and C C 2 HES 239 on
 SE. face; raise a mound of stone 3 ft. base, 2 ft.
 high SE. of cor., whence:
 A yellow pine 20 ins. dia. bears N. 79° 30' E.,
 50 lks. dist.
 Deposit a lava stone 6 x 3 x 3 ins. marked with a + 14
 A yellow pine 24 ins. dia., bears N. 31° 30' W.,
 46 lks. dist.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

Each blazed and scribed 2 HES 239 + B T.
Cor. for Secs. 9, 10, 15 and 16, heretofore

described, bears N. 9° 34' E., 26.21 chs.

dist.

1/4 sec. cor. bet. secs. 15 and 16, hereto-

fore described, bears S. 9° 34' W., 16.94

chs. dist.

Thence S. 43° 19' E.

Along foot of SW. slope and edge of timber.

5.80 Road bears WNW. and ESE.

6.75 To Cor. No. 3,

Identical with cor. H/1 of the list survey, which is

a sandstone 14 x 8 x 3 ins. above ground, marked and

witnessed as described by the Forest Service. I de-

stroy all trace of this list cor. Deposit a sand-

stone 6 x 4 x 2 ins. marked with a + 20 ins. in the

ground, over which set a white sandstone 30 x 17 x 7

ins., chiseled + for the point and 3 HES 239 on S. face;

raise a mound of stone 3 ft. base, 2 ft. high S. of

cor., whence:

A nail in a yellow pine 24 ins. dia., bears

N. 50° 35' E., 76 lks. dist.

A nail in a yellow pine 36 ins. dia., bears

N. 41° 58' W., 141 lks. dist.

Each blazed and scribed 3 HES 239 B T

Leave unlisted and enter listed land.

Thence S. 47° 02' E.

At fence cor. Fence bears S. 5° 00' W. and along

line. Asc. 5 ft. along SW. slope in open.

2.30 Arroyo 15 lks. wide, 6 ft. deep, course SSW.

6.26 Arroyo 20 lks. wide, 15 ft. deep, course SW.

8.10 Fence cor., fence bears SE. Leave fence.

Chains

13.15 Road bears NW. and SE.
13.85 To Cor. No. 4,
Deposit a sandstone 4 x 3 x 3 ins. marked with a + 14
ins. in the ground, over which set a white sandstone
24 x 12 x 6 ins., chiseled + for the point and 4 HES
239 on SW. face; raise a mound of stone 3 ft. base,
2 ft. high W. of cor., whence:
A nail in a yellow pine 34 ins. dia.,
bears N. 82° 14' E., 73 lks. dist.
A nail in a yellow pine 18 ins. dia.,
bears N. 9° 25' W., 120 lks. dist.
Each blazed and scribed 4 HES 239 B.T.

Thence S. 14° 36' E. 3 x 3 x 3 ins.
Along West slope and edge of timber. Ascend 5 ft. to
cor.

2.50 Road bears NW. and SE.
3.64 To Cor. No. 5,
Deposit a sandstone 5 x 4 x 2 ins. marked with a + 13
ins. in the ground, over which set a white sandstone
23 x 12 x 11 ins., chiseled + for the point and 5 HES
239 on SW. face; raise a mound of stone 3 ft. base,
2 ft. high SW. of cor., whence:
A nail in a yellow pine 26 ins. dia.,
bears S. 66° 19' E., 213 lks. dist.
A nail in a yellow pine 18 ins. dia.,
bears N. 47° 24' E., 149 lks. dist.
Each blazed and scribed 5 HES 239 B T.

Thence S. 53° 49' E.
Desc. 15 ft. to creek. Fence on line.
4.32 Paddock Creek, 30 lks. wide, banks 5 ft. high, course
N. 80° W., running water 10 lks. wide.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

5.50 Wash 10 lks. wide, banks 5 ft. high, course NW.

6.34 To Cor. No. 6,

Deposit a sandstone 4 x 3 x 2 ins. marked with a + 15 ins. in the ground, over which set a white sandstone 25 x 13 x 5 ins., chiseled + for the point and 6 HES 239 on WSW. face; raise a mound of stone 3 ft. base, 2 ft. high WSW. of cor., whence:

No witnesses available, pits impracticable.

Cor. No. 16, Tract B, hereinafter described,

bears S. 66° 11' E., 61 lks. dist.

Thence S. 11° 47' E.

In open over level land, along West side of road exception. Fence on line.

4.00 Leave bottom. Ascend 15 ft. to cor.

6.47 To Cor. No. 7,

Deposit a sandstone 3 x 3 x 3 ins. marked with a + 20 ins. in the ground, over which set a white sandstone 30 x 14 x 6 ins., chiseled + for the point and 7 HES 239 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A nail in a yellow pine 16 ins. dia.,

bears S. 8° 47' W., 50 lks. dist.

A nail in a yellow pine 24 ins. dia.,

bears S. 80° 33' E., 98 lks. dist.

Each blazed and scribed 7 HES 239 B T.

Cor. H/7 of the list survey, which is a

lava stone 18 x 16 x 10 ins. above

ground, marked and witnessed as de-

scribed by the Forest Service, bears

N. 75° W., 95 lks. dist. I destroy

all trace of this list cor.

Cor. No. 17, Tract B, hereinafter de-

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STATE OF ARIZONA.

Chains

Chains

scribed, bears N. 49° 58' E., 56 lks. dist.

Note: The center line method of laying down the boundaries of the road exception was not used in this survey. The fence as built by the claimant along lines 5 to 7 agree closely with the line of the road exception as listed. I therefore accept same as the W. boundary of road exception in this survey.

Thence S. 28° 49' E.

Descend 15 ft. along West slope. Fence on line.

5.00 Foot of slope. Ascend 30 ft. along West slope.

10.19 Top of ascent. Descend 20 ft. to cor.

27.39 To Cor. No. 8,

Identical with Cor. H/8 of the list survey, which is a lava stone 18 x 6 x 2 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 4 x 3 x 2 ins. marked with a + 18 ins. in the ground, over which set a white sandstone 28 x 14 x 10 ins., chiseled + for the point and 8 HES 239 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor.,

No witnesses available.

Therefore dig pits 24, x 24 x 12 ins. crosswise on claim lines 3 ft. dist.; raise a mound of earth and stone 5 ft. base, 3 ft. high W. of cor.

Cor. No. 23, Tract C, hereinafter described,

bears N. 80° 14' E., 52 lks. dist.

Leave listed and enter unlisted land.

Thence S. 27° 48' E.

In open over level land. Along West side road exception. Fence cor., fence bears S. 89° W.

2.25 Telephone line bears NNW. and SSE. Ascend 5 ft. to cor.

4.10 To Cor. No. 9.

Deposit a lava stone 6 x 4 x 3 ins. marked with a + 24

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Chains ins. in the ground, over which set an iron post, 2 ins. in dia., 36 ins. long with brass cap marked 1916 - 9 - H E S 239 on side facing claim; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

 A yellow pine, 5 ins. dia., bears S. 0° 36' E., 117 lks. dist.

 A yellow pine, 4 ins. dia., bears S. 35° 14' E., 83 lks. dist.

 Each blazed and scribed 9 H E S 239 + B T.

 Cor. No. 22, Tract C, hereinafter described, bears S. 85° 10' E., 59 lks. dist.

Thence S. 75° 42' W.

Descend 10 ft. to marsh in open.

0.75 Telephone line bears NNW. and SSE.

3.50 Enter marsh and willows.

6.10 Small creek, running water 2 lks. wide, 4 ins. deep, course NW.

8.66 To cor. No. 10.

Deposit a lava stone 6 x 5 x 2 ins. marked with a +, 24 ins. in the ground, over which set an iron pipe 2 ins. dia., 36 ins. long, with brass cap, marked 1916 - 10 - H E S 239 on side facing the claim; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor., whence:

 A yellow pine, 5 ins. dia., bears S. 50° 30' W., 112 lks. dist.

 A yellow pine, 5 ins. dia., bears N. 52° 30' W., 118 lks. dist.

 Each blazed and scribed 10 H E S 239 + B T.

Thence N. 16° 32' W.

Over marsh in willows.

3.30 Leave marsh and willows. Ascend 10 ft. to cor.

Chains
5.85

To cor. No. 11.

Identical with cor. H-9 of the list survey, which is a lava stone 14 x 12 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 3 x 3 x 2 ins. marked with a +, 16 ins. in the ground, over which set a white sandstone 26 x 12 x 8 ins., chiseled + for the point and 11 - H E S 239 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A nail in a yellow pine, 42 ins. dia., bears N. 23° 13' W., 74 lks. dist.

A nail in a yellow pine, 8 ins. dia., bears S. 10° 41' E., 150 lks. dist.

Each blazed and scribed 11 H E S 239 B T. Leave unlisted and enter listed land.

Thence N. 20° 41' W.

Fence cor., fence bears N. 89° E. and along line.

Ascend 5 ft. in edge of timber along E. slope.

0.45 Top ascent. Descend 15 ft. to creek.

1.80 Creek, running water 3 lks. wide, 4 ins. deep, course NW.

4.90 Creek, running water 3 lks. wide, 4 ins. deep, course N.

Ascend 15 ft. to ridge in timber.

8.91 Top ridge bears ENE. and WSW. Descend 15 ft. to cor.

14.40 To cor. No. 12.

Identical with cor. H-10 of the list survey, which is a lava stone 10 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 4 x 4 x 4 ins. marked with a +, 15 ins. in the ground, over which set a white sandstone 25 x 14 x 6 ins., chiseled + for the point and 12 - H E S 239 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of

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Chains	<p>cor., whence:</p> <p>A nail in a yellow pine, 28 ins. dia., bears S. 38° 49' E., 67 lks. dist.</p> <p>A nail in a yellow pine, 18 ins. dia., bears S. 44° 12' W., 97 lks. dist.</p> <p>Each blazed and scribed 12 H E S 239 B T.</p>
	<p>Thence N. 34° 55' W.</p> <p>In edge of timber, along East slope. Fence on line.</p>
9.46	<p>To cor. No. 13.</p> <p>Identical with cor. H-11 of the list survey, which is a lava stone 20 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I de- stroy all trace of this list cor. Deposit a lava stone 4 x 3 x 2 ins. marked with a +, 20 ins. in the ground, over which set a white sandstone 30 x 15 x 15 ins., chis- eled + for the point and 13 - H E S 239 on ENE. face; and raise a mound of stone 3 ft. base, 2 ft. high ENE. of cor., whence:</p>
	<p>A nail in a yellow pine, 10 ins. dia., bears N. 84° 48' W., 45 lks. dist.</p>
	<p>A nail in a yellow pine, 8 ins. dia., bears S. 54° 30' E., 66 lks. dist.</p>
	<p>Each blazed and scribed 13 H E S 239 B T.</p>
	<p>Thence N. 48° 02' W.</p> <p>Along edge of timber.</p>
1.60	<p>Fence bears N. 49° W. and S. 49° E.</p>
9.95	<p>Fence bears S. 28° E. and N. 28° W.</p>
10.62	<p>To cor. No. 14.</p> <p>Identical with cor. H-12 of the list survey, which is a lava stone 24 x 14 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I de- stroy all trace of this list cor. Deposit a sandstone</p>

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5 x 4 x 3 ins. marked with a +, 17 ins. in the ground, over which set a white sandstone 27 x 15 x 9 ins., chiseled + for the point and 14 - H. E. S. 239 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high, E. of cor., whence:

A nail in a yellow pine, 6 ins. dia., bears N. 38° 03' W., 20 lks. dist.

A nail in a yellow pine, 36 ins. dia., bears S. 3° 30' E., 63 lks. dist.

Each blazed and scribed 14 H. E. S. 239 B. T.

Thence N. 28° 40' W.

Along foot of E. slope in young pine and underbrush.

Fence on line.

10.41 To cor. No. 15.

Identical with cor. H-13 of the list survey, which is a lava stone 20 x 16 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 5 x 3 x 2 ins. marked with a +, 20 ins. in the ground, over which set a white sandstone 30 x 18 x 12 ins., chiseled + for the point and 15 - H. E. S. 239 on ENE. face; and raise a mound of stone 3 ft. base, 2 ft. high, ENE. of cor., whence:

A nail in a yellow pine, 12 ins. dia., bears S. 69° 54' E., 92 lks. dist.

A nail in a yellow pine, 10 ins. dia., bears N. 54° 37' W., 44 lks. dist.

A nail in a yellow pine, 8 ins. dia., bears S. 3° 10' E., 23 lks. dist.

Each blazed and scribed 15 H. E. S. 239 B. T. Leave listed and enter unlisted land.

Thence N. 49° 05' W.

Through heavy stand of young pine. Ascend 10 ft. to

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Chains

cor. Fence bears N. 5° E.

7.24

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

R. P. A. Johnson.

September 29, 1916.

C. A. Long.

October 15, 1914.

TRACT B.

Beginning at cor. No. 16.

Identical with cor. H-2 of the list survey, which is a lava stone 18 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a small stone marked with a +, 16 ins. in the ground, over which set a white sandstone 26 x 14 x 8 ins., chiseled + for the point and 16 - H E S 239 on SE. face. No witnesses available; therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines; and raise a mound of earth and stone 5 ft. base, 3 ft. high, SE. of cor.

Cor. No. 6, Tract A, heretofore described,
bears N. 66° 11' W., 61 lks. dist.

Thence S. 11° 47' E.

Along East side of road exception. Over level open land.

3.86

Leave open bottom land. Ascend 10 ft. to cor. in pine timber.

5.86

To cor. No. 17.

Deposit a small stone marked with a +, 20 ins. in the ground, over which set a white sandstone 30 x 17 x 7 ins., chiseled + for the point and 17 - H E S 239 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor., whence:

A nail in a yellow pine, 16 ins. dia., bears
N. 38° 22' E., 113 lks. dist.

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A nail in a yellow pine, 28 ins. dia., bears
S. 77° 59' E., 113 lks. dist.
Each blazed and scribed 17 H E S 239 B T.

Thence N. 49° 58' E.

Descend 5 ft. along NW. slope in open.

3.15 Foot descent. Thence ascend 10 ft. in open along foot
of hill sloping NW.

18.00 Enter scattering aspen.

19.15 To cor. No. 18.

Identical with cor. H-6 of the list survey, which is
a malpais stone 18 x 16 x 12 ins. above ground, marked
and witnessed as described by the Forest Service. I
destroy all trace of this list cor. Deposit a white
sandstone 28 x 16 x 6 ins., 18 ins. in the ground, over
a stone marked with a +, for cor. No. 18 of this survey,
marked 18 - H E S 239 on side facing claim and a + on
top. Dig pits 24 x 24 x 12 ins. crosswise on this and
the succeeding course 7 ft. dist.; and raise a mound of
earth and stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist.
within the claim, whence:

A nail in an aspen, 14 ins. dia., bears
S. 3° 23' E., 58 lks. dist.

A nail in a blackjack pine, 14 ins. dia., bears
S. 89° 00' E., 55 lks. dist.

Each blazed and scribed 18 H E S 239 B T.

Creek bears North, 150 lks. dist.

Thence N. 57° 23' E.

Ascend 25 ft. in open, along NW. slope.

13.10 Top ascent.

13.43 Descend 15 ft. Leave aspen, enter pine.

15.10 Foot descent.

15.34 Ascend 10 ft. to cor. through scattering pine reproduction.

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STATE OF ARIZONA

Chains
16.84

To cor. No. 19.

Identical with cor. H-5 of the list survey, which is a malpais stone 10 x 12 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a small stone marked with a +, 18 ins. in the ground, over which set a white sandstone 28 x 13 x 5 ins., chiseled + for the point and 19 - H E S 239 on side facing the claim. Dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 7 ft. dist.; and raise a mound of earth and stone 5 ft. base, 3 ft. high within the claim, whence:

A nail in a blackjack pine, 6 ins. dia.,

bears S. 23° 22' W., 22 lks. dist.

A nail in a white oak, 16 ins. dia., bears

S. 80° 21' E., 62 lks. dist.

A nail in a yellow pine, 26 ins. dia., bears

N. 35° 23' E., 95 lks. dist.

Each blazed and scribed 15 H E S 239 B T.

Thence N. 63° 15' W.

Descend 20 ft. in open to Paddock Creek.

0.75 Leave open. Enter willows.

1.30 Paddock Creek, 10 lks. wide, 1 ft. deep, course S. 57°
30' W. Ascend 25 ft. to cor.

2.55 Leave willows and enter open.

5.75 Leave open and enter scattering pine.

8.05 To cor. No. 20.

Identical with cor. H-4 of the list survey, which is a malpais stone 8 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a small stone marked with a +, 19 ins. in the ground, over which

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Chains

set a white sandstone 29 x 14 x 7 ins., chiseled + for the point and 20 - H E S 239 on side facing the claim. Dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist.; and raise a mound of earth and stone 3 ft. base, 2 ft. high, 3-1/2 ft. dist. within the claim, whence:

A nail in a yellow pine, 24 ins. dia., bears N. 45° 15' W., 18 lks. dist.

A nail in a yellow pine, 22 ins. dia., bears N. 85° 32' W., 57 lks. dist.

Each blazed and scribed 20 H E S 239 B T.

Thence S. 43° 53' W.

Descend 15 ft. through edge of scattering pine.

20.13 To cor. No. 21.

Identical with cor. H-3 of the list survey, which is a malpais stone 12 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this dist' cor. Deposit a small stone marked with a +, 14 ins. in the ground, over which set a white sandstone 24 x 13 x 6 ins., chiseled + for the point and 21 - H E S 239 on side facing the claim. Dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 3 ft. dist.; and raise a mound of earth and stone 5 ft. base, 3 ft. high within the claim, whence:

A nail in a yellow pine, 20 ins. dia., bears N. 28° 59' E., 123 lks. dist.

A nail in a yellow pine, 20 ins. dia., bears N. 25° 34' W., 93 lks. dist.

Each blazed and scribed 13 H E S 239 B T.

Creek bears South, 50 lks. dist.

Thence S. 61° 01' W.

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Chains Descend 25 ft. in scattering pine, to creek.
 8.65 Leave scattering pine and enter open.
 9.65 Paddock Creek, 10 lks. wide, 1 ft. deep, course N. 80° W.
 Thence over open level land.
 10.15 To cor. No. 16, the place of beginning.
 C. A. Long.
 October 15, 1914.

R. P. A. Johnson.
 September 30, 1916.
 TRACT C.
 Beginning at cor. No. 22.
 Deposit a lava stone 6 x 6 x 4 ins. marked with a +,
 14 ins. in the ground, over which set a sandstone 24 x
 10 x 8 ins. chiseled + for the point and 22 - H E S 239
 on NE. face; and raise a mound of stone 3 ft. base, 2
 ft. high NE. of cor., whence:
 An oak, 24 ins. dia., bears S. 54° E.,
 73 lks. dist.
 A yellow pine, 4 ins. dia., bears S. 13° 30' W.,
 104 lks. dist.
 Each blazed and scribed 22 H E S 239 + B T.
 Cor. No. 9, Tract A, heretofore described,
 bears N. 85° 10' W., 59. lks. dist.

Thence N. 27° 48' W. Over unlisted land.
 Descend 10 ft. in open along E. side of road exception.
 4.26 To cor. No. 23.
 Deposit a lava stone 8 x 2 x 2 ins. marked with a +, 24
 ins. in the ground, over which set an iron post 2 ins.
 dia., 36 ins. long, with brass cap marked 1916 - 23 -
 H E S 239 on side facing the claim; and raise a mound
 of stone 3 ft. base, 2 ft. high SE. of cor., whence:

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Chains
 A yellow pine, 26 ins. dia., bears N. 25° 30' E.,
 377 lks. dist.
 A yellow pine, 16 ins. dia., bears N. 54° 30' E.,
 438 lks. dist.
 Each blazed and scribed 23, H E S 239 + B T.
 Cor. No. 8, Tract A, heretofore described,
 bears S. 80° 14' W., 52 lks. dist.

Thence N. 80° 14' E.
 Ascend 10 ft. along foot of South slope and edge of
 timber.

10.45 To cor. No. 24.
 Deposit a lava stone 5 x 5 x 2 ins. marked with a +, 14
 ins. in the ground, over which set a lava stone 24 x 8 x
 8-ins., chiseled + for the point and 24 - H E S 239 on
 SW. face; and raise a mound of stone 3 ft. base, 2 ft.
 high SW. of cor., whence:
 An oak, 16 ins. dia., bears S. 76° 20' W.,
 37 lks. dist.
 An oak, 10 ins. dia., bears N. 89° 40' E.,
 112 lks. dist.
 Each blazed and scribed 24 H E S 239 + B T.

Thence S. 0° 07' W.
 In open, over level land.

6.23 To cor. No. 25.
 Deposit a sandstone 5 x 4 x 3 ins. marked with a +, 14
 ins. in the ground, over which set a lava stone 24 x 20
 x 10 ins., chiseled + for the point and 25 - H E S 239
 on NW. face; and raise a mound of stone 3 ft. base, 2 ft.
 high NW. of cor., whence:
 An oak, 10 ins. dia., bears N. 4° 28' E.,
 41 lks. dist.

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A yellow pine, 6 ins. dia., bears S. 3° 08' E.,
153 lks. dist.
Each blazed and scribed 25 H E S 239 + B T.

Thence N. 85° 10' W.

In open, along foot of N. slope.

8.31 To cor. No. 22, the place of beginning.

R. P. A. Johnson.

September 30, 1916.

AREA

Area of Tract A - - - - -	46.85 acres
Area of Tract B - - - - -	15.56 acres
Area of Tract C - - - - -	<u>4.70</u> acres
Total Area - - - - -	67.11 acres
Area of Listed land - - - - -	52.83 acres
Area of Unlisted land - - - - -	<u>14.28</u> acres
Tract D (Unlisted area road exemp.)	.31 Acres
Tract E (Unlisted area road exemp.)	.16 Acres

IMPROVEMENTS

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

A log house, 15 x 18 ft., course of long sides N. and S., the SW. cor. of which bears from cor. No. 15 N. 24° 37' E., 5.00 chs. dist.	Value -----	\$150.00
A log barn, 18 x 20 ft., course of long sides N. and S., the SW. cor. of which bears from cor. No. 15, N. 33° 44' E., 4.30 chs. dist.	Value -----	\$ 75.00
1-1/2 miles of wire fencing.	Value -----	\$150.00
Total value of improvements -----		\$375.00

Chains

DESCRIPTION

This claim lies in two narrow valleys draining to the West and Northwest.

The soil is a black sandy loam, very deep, and produces excellent crops of grain, potatoes and vegetables.

All of Tract A is fenced, and has been under cultivation heretofore. Tract B is unfenced and partially covered with a growth of willow, aspen and scattering yellow pine. Tract C is open draw.

This claim is situated at an elevation of 8,200 ft. above sea level.

Paddock Creek and another un-named stream run through the claim and supply sufficient water for all purposes.

There is no evidence of minerals upon the claim.

Nutrioso, an inland village, is the nearest post office and trading center. It is about 4 miles distant in a Northwesterly direction and is reached by a fair wagon road running past the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

TRAVERSES - TRACT A.

Cor.	Course	Dist.	N	S	E	W	
1-2	N. 9° 34' E.	10.06	9.92		1.67		
2-3	S. 43° 19' E.	6.75		4.91	4.63		
3-4	S. 47° 02' E.	13.85		9.44	10.13		
4-5	S. 14° 36' E.	3.64		3.52	0.92		
5-6	S. 53° 49' E.	6.34		3.74	5.12		
6-7	S. 11° 47' E.	6.47		6.33	1.32		
7-8	S. 28° 49' E.	27.39		24.00	13.20		
8-9	S. 27° 48' E.	4.10		3.63	1.91		
9-10	S. 75° 42' W.	8.66		2.14		8.39	
10-11	N. 16° 32' W.	5.85	5.61			1.66	
11-12	N. 20° 41' W.	14.40	13.47			5.09	
12-13	N. 34° 55' W.	9.46	7.76			5.41	
13-14	N. 48° 02' W.	10.62	7.10			7.90	
14-15	N. 28° 40' W.	10.41	9.13			4.99	
15-1	N. 49° 05' W.	7.24	4.74			5.47	
			145.24	57.73	57.71	38.90	38.91
				57.71			38.90
Error in Lat. and Dep.				.02			.01

Closing error, 1:6495.

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Chains

TRACT B.

Cor.	Course	Dist.	N	S	E	W	
16-17	S. 11° 47' E.	5.86		5.74	1.20		
17-18	N. 49° 58' E.	19.15	12.32		14.66		
18-19	N. 57° 23' E.	16.84	9.08		14.18		
19-20	N. 63° 15' W.	8.05	3.62			7.19	
20-21	S. 43° 53' W.	20.13		14.51		13.95	
21-16	S. 61° 01' W.	10.15		4.92		8.88	
			80.18	25.02	25.17	30.04	30.02
					25.02	30.02	
Error in Lat. and Dep.				.15		.02	

Closing error, 1:530.

TRACT C.

Cor.	Course	Dist.	N	S	E	W	
22-23	N. 27° 48' W.	4.26	3.77			1.99	
23-24	N. 80° 14' E.	10.45	1.77		10.30		
24-25	S. 0° 07' W.	6.23		6.23		0.01	
25-22	N. 85° 10' W.	8.31	0.70			8.28	
			29.25	6.24	6.23	10.30	10.28
				6.23		10.28	
Error in Lat. and Dep.			.01			.02	

Closing error, 1:1308.

Survey completed May 5, 1920.

R. P. Johnson

Surveyor - Draftsman

C. A. Long

Surveyor - Forest Service

L. R. Mercer

Surveyor - Forest Service

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HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Chains

12.15	1.00	13.15
11.15	1.00	12.15
10.15	1.00	11.15
9.15	1.00	10.15
8.15	1.00	9.15
7.15	1.00	8.15
6.15	1.00	7.15
5.15	1.00	6.15
4.15	1.00	5.15
3.15	1.00	4.15
2.15	1.00	3.15
1.15	1.00	2.15
0.15	1.00	1.15
12.15	1.00	13.15
11.15	1.00	12.15
10.15	1.00	11.15
9.15	1.00	10.15
8.15	1.00	9.15
7.15	1.00	8.15
6.15	1.00	7.15
5.15	1.00	6.15
4.15	1.00	5.15
3.15	1.00	4.15
2.15	1.00	3.15
1.15	1.00	2.15
0.15	1.00	1.15

12.15	1.00	13.15
11.15	1.00	12.15
10.15	1.00	11.15
9.15	1.00	10.15
8.15	1.00	9.15
7.15	1.00	8.15
6.15	1.00	7.15
5.15	1.00	6.15
4.15	1.00	5.15
3.15	1.00	4.15
2.15	1.00	3.15
1.15	1.00	2.15
0.15	1.00	1.15
12.15	1.00	13.15
11.15	1.00	12.15
10.15	1.00	11.15
9.15	1.00	10.15
8.15	1.00	9.15
7.15	1.00	8.15
6.15	1.00	7.15
5.15	1.00	6.15
4.15	1.00	5.15
3.15	1.00	4.15
2.15	1.00	3.15
1.15	1.00	2.15
0.15	1.00	1.15

Survey completed May 5, 1930.

[Signature]

Surveyor - Forest Service

[Signature]

Surveyor - Forest Service

[Signature]

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. 232, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 9° 34' E.	10.06	9 92	TRACT A.	1 67		1 67		
2-3	S. 43° 19' E.	6.75		4 91	4 63		7 97	16 57	59 13
3-4	S. 47° 02' E.	13.85		9 44	10 13		22 73		214 57
4-5	S. 14° 36' E.	3.64		3 52	0 92		33 78		118 91
5-6	S. 53° 49' E.	6.34		3 74	5 12		39 82		148 93
6-7	S. 11° 47' E.	6.47		6 33	1 32		46 26		292 83
7-8	S. 28° 49' E.	27.32		24 00	13 20		60 79		1459 57
8-9	S. 27° 48' E.	4.10		3 63	1 91		75 91		275 55
9-10	S. 75° 42' W.	8.66		2 14			69 43		148 58
10-11	N. 16° 32' W.	5.85	5 61				59 38	333 12	
11-12	N. 20° 41' W.	14.40	13 47				52 63	708 40	
12-13	N. 34° 55' W.	9.46	7 76				42 13	326 93	
13-14	N. 48° 02' W.	10.62	7 10				28 82	204 62	
14-15	N. 28° 40' W.	10.41	9 13				15 93	145 44	
15-1	N. 49° 05' W.	7.24	4 74				5 47	25 93	
		145.24	57 73	57 71	38 90	38 91		1761 01	2698 07
			57 72	27 72	38 91	38 91		1761 01	1761 01
								937 06	937 06
	Closing error, 1:6495								46 85 Acres

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DIRECTIONS.—1. Carry out calculations to two decimals only.
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 3. 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. 239, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 9° 34' E.	10.06'	9 92	Unlisted Area - Tract A	1 67	1 67	16 55		
2-3	S. 43-19 E.	6.75'	"	4 91	4 63	7 97		39 13	
3-15	S. 4-52 W.	9.78'	4 74	"	"	11 77		114 64	
15-1	N. 49-05 W.	7.24'	4 74	"	5 47	5 47	25 93		
			14 66	14 65	6 30	6 30	42 48	153 77	
			14 65		30 X			42 48	
								207 111 29	
11-8	N. 88-54 E.	8.14'	16		8 14	8 14	1 30		5 56 Acres
8-9	S. 27-48 E.	4.10'		3 63	1 91	18 19		66 03	
9-10	S. 75-42 W.	8.66'		8 14		11 71		25 06	
10-11	N. 16-32 W.	5.85'	5 61			1 66	9 31		
			5 77	5 77	10 05	10 05	10 61	91 09	
								10 61	
								207 80 48	
								4 02 Acres	

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 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.
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TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 239, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
16-17	S. 11-47 E.	5.86		5 74	Tract B 1 20		1 20		6 88
17-18	N. 49-58 E.	19.15	12 32		14 66		17 05	210 74	
18-19	N. 57-23 E.	16.84	9 08		14 18		45 88	417 97	
19-20	N. 63-15 W.	8.05	3 62				52 87	191 92	
20-21	S. 43-53 W.	20.13		14 51			31 72		458 99
21-16	S. 61-01 W.	10.15		4 92			8 88		43 51
		80.18	25 02	25 17	30 04		30 02	820 63	509 88
	Error in Lat. and Dep.		25 10	25 02	30 02		30 03	509 88	
	Closing error 1/530							20 311 25	
				15				15 56 Acres	
22-23	N. 27-48 W.	4.26	3 77			Tract C (Unlisted Area)			
23-24	N. 80-14 E.	10.45	1 77		10 30		10 29	18 11	
24-25	S. 0-07 W.	6.23		6 23			20 57		128 15
25-22	N. 85-10 W.	8.31	0 70				12 57	8 59	
		29.25	6 24	6 23	10 30			34 20	128 15
	Error in Lat. and Dep.		6 23	6 23	10 28				34 20
	Closing error 1/1308							20 93 95	
								4 697 Acres	

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COBZERS	BEZINS	DISTANCE	YOURS	TRAVELER	DEPARTURE	ARRIVAL	POSSIBLE M.D.	M. VIEWS	S. VIEWS
52-55	W 01-03	01.00	01.00	01.00	01.00	01.00	01.00	01.00	01.00
53-54	W 01-03	01.01	01.01	01.01	01.01	01.01	01.01	01.01	01.01
54-55	W 01-03	01.02	01.02	01.02	01.02	01.02	01.02	01.02	01.02
55-56	W 01-03	01.03	01.03	01.03	01.03	01.03	01.03	01.03	01.03
56-57	W 01-03	01.04	01.04	01.04	01.04	01.04	01.04	01.04	01.04
57-58	W 01-03	01.05	01.05	01.05	01.05	01.05	01.05	01.05	01.05
58-59	W 01-03	01.06	01.06	01.06	01.06	01.06	01.06	01.06	01.06
59-60	W 01-03	01.07	01.07	01.07	01.07	01.07	01.07	01.07	01.07
60-61	W 01-03	01.08	01.08	01.08	01.08	01.08	01.08	01.08	01.08
61-62	W 01-03	01.09	01.09	01.09	01.09	01.09	01.09	01.09	01.09
62-63	W 01-03	01.10	01.10	01.10	01.10	01.10	01.10	01.10	01.10
63-64	W 01-03	01.11	01.11	01.11	01.11	01.11	01.11	01.11	01.11
64-65	W 01-03	01.12	01.12	01.12	01.12	01.12	01.12	01.12	01.12
65-66	W 01-03	01.13	01.13	01.13	01.13	01.13	01.13	01.13	01.13
66-67	W 01-03	01.14	01.14	01.14	01.14	01.14	01.14	01.14	01.14
67-68	W 01-03	01.15	01.15	01.15	01.15	01.15	01.15	01.15	01.15
68-69	W 01-03	01.16	01.16	01.16	01.16	01.16	01.16	01.16	01.16
69-70	W 01-03	01.17	01.17	01.17	01.17	01.17	01.17	01.17	01.17
70-71	W 01-03	01.18	01.18	01.18	01.18	01.18	01.18	01.18	01.18
71-72	W 01-03	01.19	01.19	01.19	01.19	01.19	01.19	01.19	01.19
72-73	W 01-03	01.20	01.20	01.20	01.20	01.20	01.20	01.20	01.20
73-74	W 01-03	01.21	01.21	01.21	01.21	01.21	01.21	01.21	01.21
74-75	W 01-03	01.22	01.22	01.22	01.22	01.22	01.22	01.22	01.22
75-76	W 01-03	01.23	01.23	01.23	01.23	01.23	01.23	01.23	01.23
76-77	W 01-03	01.24	01.24	01.24	01.24	01.24	01.24	01.24	01.24
77-78	W 01-03	01.25	01.25	01.25	01.25	01.25	01.25	01.25	01.25
78-79	W 01-03	01.26	01.26	01.26	01.26	01.26	01.26	01.26	01.26
79-80	W 01-03	01.27	01.27	01.27	01.27	01.27	01.27	01.27	01.27
80-81	W 01-03	01.28	01.28	01.28	01.28	01.28	01.28	01.28	01.28
81-82	W 01-03	01.29	01.29	01.29	01.29	01.29	01.29	01.29	01.29
82-83	W 01-03	01.30	01.30	01.30	01.30	01.30	01.30	01.30	01.30
83-84	W 01-03	01.31	01.31	01.31	01.31	01.31	01.31	01.31	01.31
84-85	W 01-03	01.32	01.32	01.32	01.32	01.32	01.32	01.32	01.32
85-86	W 01-03	01.33	01.33	01.33	01.33	01.33	01.33	01.33	01.33
86-87	W 01-03	01.34	01.34	01.34	01.34	01.34	01.34	01.34	01.34
87-88	W 01-03	01.35	01.35	01.35	01.35	01.35	01.35	01.35	01.35
88-89	W 01-03	01.36	01.36	01.36	01.36	01.36	01.36	01.36	01.36
89-90	W 01-03	01.37	01.37	01.37	01.37	01.37	01.37	01.37	01.37
90-91	W 01-03	01.38	01.38	01.38	01.38	01.38	01.38	01.38	01.38
91-92	W 01-03	01.39	01.39	01.39	01.39	01.39	01.39	01.39	01.39
92-93	W 01-03	01.40	01.40	01.40	01.40	01.40	01.40	01.40	01.40
93-94	W 01-03	01.41	01.41	01.41	01.41	01.41	01.41	01.41	01.41
94-95	W 01-03	01.42	01.42	01.42	01.42	01.42	01.42	01.42	01.42
95-96	W 01-03	01.43	01.43	01.43	01.43	01.43	01.43	01.43	01.43
96-97	W 01-03	01.44	01.44	01.44	01.44	01.44	01.44	01.44	01.44
97-98	W 01-03	01.45	01.45	01.45	01.45	01.45	01.45	01.45	01.45
98-99	W 01-03	01.46	01.46	01.46	01.46	01.46	01.46	01.46	01.46
99-100	W 01-03	01.47	01.47	01.47	01.47	01.47	01.47	01.47	01.47

1. Only three copies of this report are prepared. One is retained by the Commission, one is sent to the Department of the Interior, and one is sent to the Bureau of Land Management.

2. In preparation of this report, the Commission has received information from the Bureau of Land Management, the Bureau of Reclamation, and the Bureau of Indian Affairs.

3. The Commission has also received information from the Bureau of Land Management, the Bureau of Reclamation, and the Bureau of Indian Affairs.

4. The Commission has also received information from the Bureau of Land Management, the Bureau of Reclamation, and the Bureau of Indian Affairs.

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DIRECTOR - Bureau of Land Management
 WASHINGTON, D.C.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 239, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		SOUTH.	DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.		EAST.	WEST.			
6-7	S. 11-47 E.	6.47		Tract D (Area in Road Exemption)	6 33	1 32	1 33		8 43	
7-17	N. 49-58 E.	.56	36	"	"	43	3 09	1 11	"	"
17-16	N. 11-47 W.	5.86	5 74		"	"	2 32	13 29	"	"
16-6	N. 66-11 W.	.61	25				56	14	"	"
		13.50	6 35		6 33	1 75	1 76	14 54	8 43	
			6 34		6 34	1 76	1 76	8 43	"	"
								20/ 6 11	31 Acres	
8-9	S. 27-48 E.	4.10		Tract D (Area in Road Exemption)	3 63	1 91	1 91		6 93	
9-22	S. 85-10 E.	.59		"	"	59	4 41		22	
22-23	N. 27-48 W.	4.26	3 77		"	"	3 01	11 35	"	"
23-8	S. 80-14 W.	.52	"		09	"	51	"	05	
		9.47	3 77		3 77	2 50	2 50	11 35	7 20	
			"		"	"	"	7 20	"	"
								20/ 3 15	16 Acres	

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forward
20/ 4.15
.207

ET

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APPROVAL

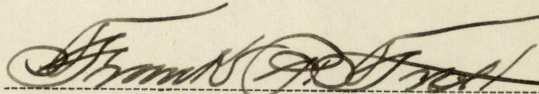
Office of the United States Surveyor General,

PHOENIX, ARIZ., August 19, 1920

The foregoing field notes of Homestead Entry Survey No.

239

executed by C. A. Long and L. R. Mercer, Surveyors, and
R. P. A. Johnson, Surveyor-Draftsman [Forest Service Title.]
under his special instructions, dated August 6, 1914, 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.