

ORIGINAL

251

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUL 2- 1917

FIELD NOTES

MAR 26 1918

OF

JAN 20 1919

HOMESTEAD ENTRY SURVEY NO. 499

SITUATED IN THE APACHE NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3

In Section 17 , -surveyed, Township 5 N., Range 31 E.

In Section 20 , -surveyed, Township 5 N., Range 31 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing I. Emery Burk,
Residence Alpine, Arizona
Application No. 139 ✓ , dated October 9 , 1911 ✓
List No. 3-1760 ✓ , dated March 8 , 1912 ✓

Applicant for survey I. E. Burk,
Residence Alpine, Arizona
H. E. No. 021247 ✓ , dated February 15 , 1913 ✓
Office
Land District Phoenix, Arizona

Survey executed by R. P. A. Johnson, Surveyor - Draftsman
(Forest Service Title)
Under special instructions dated June 21 , 1916 ✓
Survey commenced September 16 , 1916
Survey completed September 23 , 1916
Under Acts of June 11, 1906 and August 11, 1916 ✓

252

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. 499, 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 twenty seventh 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 June 21, 1916, 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. 3-1760, dated March 8, 1916, for the same to be known as Homestead Entry Survey No. 499, situated within the Apache National Forest, in surveyed Section 17, Township 5N, Range 31E, and surveyed Section 20, Township 5N, Range 31E,

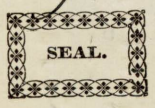
of the Gila and Salt River Basins meridian, Arizona, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated 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.

DISTRICT OF COLUMBIA
CITY OF WASHINGTON

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

Subscribed and sworn to before me this 17th day of January, 1917.

Sylvester L. McLawrin
NOTARY PUBLIC, D. C.



8-2349

Commission expires
June 20, 1918.

HOMESTEAD ENTRY SURVEY NO. 499

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, I. Emery Burk; Application No. 139, dated October 9, 1911; List No. 3-1760, dated March 8, 1912; H. E. 021247, made in the Phoenix Land Office on February 15, 1913 by I. E. Burk.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 21, 1916 and designated as Homestead Entry Survey No. 499.

Situated in secs. 17 and 20. T. 5 N., R. 31 E., 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 September 16, 1916 and executed with a Buff and Buff transit 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.

September 16, 1916.

At 7h. 51m. p.m., l.m.t., I observe Polaris at Eastern Elongation at cor. for secs. 16, 17, 20 and 21, T. 5 N., R. 31 E., hereinafter described. My watch is set for local mean time, and reading on reference object, East of Star, is set at zero. The mean horizontal angle is 16° 22' 30". The azimuth of Polaris is 1° 22' 21" to East. Therefore reference object bears N. 17° 44' 51" E. Lat. 33° 49' 07" N., Long. 109° 05' 53" W., from special instructions from the Surveyor General, and later verified.

Chains

September 20, 1916.

I observe the altitude of the sun for azimuth at 1/4 sec. cor. bet. secs. 17 and 20, T. 5 N., R. 31 E., hereinafter described. The reading on the meridian brought by sustained angulation from Polaris observation of September 16 is set at zero, and the sun was observed in the lower left and upper right quadrants of the field. My watch is set for local mean time. Lat. 33° 49' 07" N., Long. 109° 06' 25" W., from special instructions from the Surveyor General.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	8h. 40m. 53s.	65° 37' 30"	33° 15' 30"
Reversed	8h. 41m. 54s.	66° 07' 00"	32° 48' 30"

Difference from Polaris meridian, 0° 00' 48".

To mean of these two observations, all the courses of this survey are referred.

RETRACEMENTS and RESURVEYS

September 18, 1916.

Beginning at cor. for secs. 16, 17, 20 and 21, T. 5 N., R. 31 E., which is a sandstone poorly marked. The one witness tree is down, but marks as described by the Surveyor General are still plainly visible. I restore cor. as follows:

Deposit a sandstone 5 x 3 x 3 ins. marked with a cross 15 ins. in the ground, over which set a sandstone 30 x 10 x 10 ins. for cor. of secs. 16, 17, 20 and 21, marked with 3 notches on S. edge and 4 notches on E. edge; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor. from which:

A yellow pine, 10 ins. dia., bears N. 56° 10' E.,

16 lks. dist., marked T 5 N R 31 E S 16 B T.

A yellow pine, 20 ins. dia., bears N. 30° 00' W.,

109 lks. dist., marked T 5 N R 31 E S 17 B T.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

A yellow pine, 6 ins. dia., bears S. 67° 17' E.,

54 lks. dist. marked T 5 N R 31 E S 21 B T.

A yellow pine, 16 ins. dia., bears S. 76° 32' W.,

115 lks. dist. marked T 5 N R 31 E S 20 B T.

Thence West.

On random line bet. secs. 17 and 20.

39.94 The 1/4 sec. cor. bet. secs. 17 and 20 is not found after careful search.

79.80 Fall 37 lks. South of cor. of secs. 17, 18, 19 and 20, which is described by the Surveyor General as a post, with pits, mound, marked stone, and three witness trees. I fail to find any trace of post, pits, mound or memorial, but find all witness trees in good condition. I re-establish this cor. at the NW. cor. of an old wire fence which appears to have been constructed ten or twelve years ago, and which is recognized generally by the residents in this vicinity as being the cor. of secs. 17, 18, 19 and 20. Deposit a sandstone 5 x 4 x 2 ins. marked with a cross, 20 ins. in the ground, over which set a sandstone 30 x 16 x 6 ins. for cor. of secs. 17, 18, 19 and 20, marked with 3 notches on S. edge and 5 on E. edge; and raise a mound of earth and stone 3 ft. base, 2 ft. high, W. of cor., from which:

A yellow pine, 46 ins. dia., bears S. 50° 35' W.,

59 lks. dist. scribed T 5 N R 31 E S 19 B T.

(Old bearing tree - Recorded in field notes from Surveyor General as Yellow pine 48 ins. dia. S. 40° W. 57 lks).

A yellow pine, 38 ins. dia., bears S. 82° 30' E.,

67 lks. dist., scribed T 5 N R 31 E S 20 B T.

(Old bearing tree - Field notes from Surveyor General describe tree as yellow pine 40 ins. dia., S. 70° W., 67 lks. marked T 5 N R 31 E S 19 B T)

Chains A yellow pine, 36 ins. dia., bears N. 30° 20' E.,
51 lks. dist., scribed T 5 N R 31 E S 17 B T.
(Old bearing tree - Recorded in field notes from
Surveyor General as N. 40° E 57 lks).
A yellow pine, 18 ins. dia., bears N. 52° 00' W.,
170 lks. dist., scribed T 5 N R 31 E S 18 B T.
(New B T).
Thence S. 89° 44' E.
On a true line bet. secs. 17 and 20.

39.90 (Apportioned distance) At this point I again make strict
search for 1/4 sec. cor. which is described by the Sur-
veyor General as a stone with a mound of stone, but am
unable to find any trace of stone or mound. I re-es-
tablish cor. as follows: Deposit a granite stone 5 x 4
x 2 ins. marked with a cross, 16 ins. in the ground,
over which set a granite stone 26 x 17 x 4 ins. for
1/4 sec. cor., marked 1/4 on N. face, from which:
A yellow pine, 10 ins. dia., bears N. 56° 45' W.,
143 lks. dist., marked 1/4 S 17 B T.
A yellow pine, 14 ins. dia., bears S. 2° 18' W.,
135 lks. dist., marked 1/4 S 20 B T.

79.80 Cor. for secs. 16, 17, 20 and 21, heretofore described.

From cor. for secs. 16, 17, 20 and 21.
Thence North.
On a random line bet. secs. 16 and 17.

40.00 1/4 sec. cor. bet. secs. 16 and 17 is not found after
careful search.

77.57 Fall 111 lks. East of cor. for secs. 8, 9, 16 and 17,
which is a sandstone 14 x 10 x 6 ins. marked as des-
cribed by the Surveyor General and surrounded by a mound
of stone. Cor. in poor condition. I therefore restore

THE APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains cor. as follows: Deposit a granite stone 8 x 7 x 4 ins. marked with a cross, 22 ins. in the ground, over which set a granite stone 32 x 12 x 10 ins. for cor. of secs. 8, 9, 16 and 17, marked with 4 notches on S. edge and 4 on E. edge; and raise a mound of stone 4 ft. base, 3 ft. high West of cor., from which:

A yellow pine, 16 ins. dia., bears S. 50° 00' W., 449 lks. dist., scribed T 5 N R 31 E S 17 B T.

A yellow pine, 20 ins. dia., bears N. 60° 35' W., 295 lks. dist., scribed T 5 N R 31 E S 8 B T.

No other trees within limits.

Thence S. 0° 49' E.

On true line bet. secs. 16 and 17.

38.79 (Apportioned distance) At this point I again make strict search for 1/4 sec. cor. which is described by the Surveyor General as stone with mound of stone, but am unable to find any trace of stone or mound. I re-establish

cor. as follows: Deposit a granite stone 6 x 6 x 4 ins. marked with a cross, 16 ins. in the ground, over which set a granite stone 26 x 8 x 4 ins. for 1/4 sec. cor., marked 1/4 on West face; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist; and raise a mound of earth and stone 5 ft. base, 3 ft. high W. of cor.

77.58 Cor. for secs. 16, 17, 20 and 21, heretofore described. September 18, 1916.

September 19, 1916.
From cor. for secs. 17, 18, 19 and 20, heretofore described.

Thence North.
On a random line bet. secs. 17 and 18.

37.01 Fall 200 lks. East of 1/4 sec. cor. bet. secs. 17 and 18, which is described by the Surveyor General as post, with marked stone, pits, mound and witness tree. I fail to

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains find any trace of post, mound, pits or memorial, but find witness tree in good condition and marked as described by the Surveyor General. I restore cor. as follows: Deposit a sandstone 6 x 4 x 2 ins. marked with a cross, 22 ins. in the ground, over which set a sandstone 32 x 8 x 8 ins. for 1/4 sec. cor., marked 1/4 on W. face; and raise a mound of stone and earth 4 ft. base, 3 ft. high around cor. to protect it, (cor. falls in cultivated field), whence:

A yellow pine, 40 ins. dia., bears S. 89° 00' W., 137 lks. dist., scribed 1/4 S 18 B T.
(Old bearing tree).

A yellow pine, 10 ins. dia., bears N. 25° 00' E., 113 lks. dist., scribed 1/4 S 17 B T.
Thence S. 3° 06' E.

On true line bet. secs. 17 and 18.
37.06 Cor. for secs. 17, 18, 19 and 20, heretofore described.

From 1/4 sec. cor. bet. secs. 17 and 18, heretofore described.
Thence North.

On a random line bet. secs. 17 and 18.
43.18 Fall 576 lks. W. of cor. for secs. 7, 8, 17 and 18, which is a sandstone 12 x 12 x 6 ins. marked and witnessed as described by the Surveyor General. Stone poorly marked and one witness in poor condition. I restore cor. as follows: Deposit a sandstone 5 x 4 x 2 ins. marked with a cross, 12 ins. in the ground, over which set a sandstone 26 x 8 x 6 ins. for cor. of secs. 7, 8, 17 and 18, marked with 4 notches on S. edge and 5 notches on E. edge; and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor., from which:

A yellow pine, 12 ins. dia., bears S. 5° 09' E., 225 lks. dist., scribed T 5 N R 31 E S 17 B T.

A yellow pine, 8 ins. dia., bears N. 2° 45' W., 141 lks. dist., scribed T 5 N R 31 E S 7 B T.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

A yellow pine, 24 ins. dia., bears N. 20° 47' E.,
173 lks. dist., scribed T 5 N R 31 E S 8 B T.

A yellow pine, 24 ins. dia., bears S. 60° 59' W.,
86 lks. dist., scribed T 5 N R 31 E S 18 B T.

(Old bearing tree - Recorded in field notes from
Surveyor General as a yellow pine 36 ins. dia.,
S. 45° W. 85 lks.

Thence S. 7° 36' W.

On a true line bet. secs. 17 and 18.

43.56 To 1/4 sec. cor. bet. secs. 17 and 18, heretofore described

From cor. for secs. 7, 8, 17 and 18, heretofore des-
cribed.

Thence East.

On a random line bet. secs. 8 and 17.

34.55 Fall 301 lks. N. of 1/4 sec. cor. bet. secs. 8 and 17,
which is a sandstone marked and witnessed as des-
cribed by the Surveyor General. Stone in poor condition,
I therefore restore cor. as follows:

Deposit a sandstone 5 x 4 x 4 ins. marked with a cross,
12 ins. in the ground, over which set a sandstone 38 x
14 x 8 ins. for 1/4 sec. cor., marked 1/4 on N. face;
and raise a mound of stone 4 ft. base, 2 ft. high around
cor. to protect it, (impracticable to set cor. deeper),
whence:

A yellow pine, 22 ins. dia., bears S. 78° 26' E.,
20 lks. dist., scribed 1/4 S 17 B T.

(Old bearing tree - Recorded in field notes from
Surveyor General as S. 88° E. 20 lks.)

A yellow pine, 18 ins. dia., bears N. 70° 22' E.,
65 lks. dist., scribed 1/4 S 8 B T:

Thence N. 85° 01' W.

On true line bet. secs. 8 and 17.

34.68 To cor. for secs. 7, 8, 17 and 18, heretofore described.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains'	<p>From 1/4 sec. cor. bet. secs. 8 and 17, heretofore described.</p> <p>Thence East.</p> <p>On a random line bet. secs. 8 and 17.</p> <p>40.30 Cor. of secs. 8, 9, 16 and 17, heretofore described.</p> <p>True line East, 40.30 chs.</p> <p style="text-align: right;">September 19, 1916.</p> <hr/> <p>September 20, 1916. SUBDIVISION</p> <p>From 1/4 sec. cor. bet. secs. 17 and 20, heretofore described.</p> <hr/> <p>Thence North.</p> <p>On random meridional center line through Sec. 17.</p> <p>77.31 Fall 155 lks. East of 1/4 sec. cor. bet. secs. 8 and 17, heretofore described.</p> <p>Thence S. 1° 09' E.</p> <p>On true meridional center line, through sec. 17.</p> <p>38.66 1/2 Set temp. point for center of sec. 17.</p> <p>77.33 1/4 sec. cor. bet. secs. 17 and 20, heretofore described.</p> <hr/> <p>From 1/4 sec. cor. bet. secs. 16 and 17, heretofore described.</p> <p>Thence West.</p> <p>On random latitudinal center line through sec. 17.</p> <p>81.11 Fall 144 lks. N. of 1/4 sec. cor. bet. secs. 17 and 18, heretofore described.</p> <p>Thence N. 88° 59' E.</p> <p>On true latitudinal center line through sec. 17.</p> <p>41.09 Intersect true meridional center line 81 lks. S. 1° 09' E. of temp. point previously set for center of sec. 17. At point of intersection I deposit a sandstone 6 x 4 x 3 ins. marked with a cross, 14 ins. in the ground, over which set a sandstone 24 x 8 x 8 ins., chiseled cross for the point and C 1/4 S. on N. face; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor.</p>
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APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Pits impracticable. No witnesses available.
1/4 sec. cor. bet: secs. 8 and 17, heretofore de-
scribed, bears N: 1° 09' W., 39.47-1/2 chs. dist.
1/4 sec. cor. bet. secs. 17 and 20, heretofore
described, bears S. 1° 09' W., 37.85-1/2 chs. dist.

81.12 1/4 sec. cor. bet: secs: 16 and 17, heretofore described.
September 20, 1916.

BOUNDARIES OF CLAIM

September 22, 1916.

Beginning at cor. No. 1 and C. C. on line bet. secs. 17
and 20, T. 5 N R., 13 E.

Deposit a sandstone 6 x 3 x 2 ins. marked with a + 24
ins. in the ground, over which set an iron post 2 ins.
in dia., 36 ins. long, with brass cap marked 1916, 1-
H E S 499 on side facing the claim, and C C on closing
line, whence:

A yellow pine, 8 ins. dia., bears S. 64° 05' E.,
82 lks. dist., scribed 1 H E S 499 + B T.

A yellow pine, 14 ins. dia., bears N. 22° 24' E.,
79 lks. dist., scribed 1 H E S 499 + B T.

1/4 sec. cor. bet. secs. 17 and 20, heretofore de-
scribed, bears N. 89° 44' W., 1.82 chs. dist.

Cor. for secs. 16, 17, 20 and 21, heretofore de-
scribed, bears S. 89° 44' E., 38.08 chs. dist.

Cor. H-17 of list survey, which is a sandstone
14 x 6 x 22 ins. above ground, marked and wit-
nessed as described by the Forest Service, bears
N. 42° 30' W., 260 lks. dist. I destroy all
trace of this list cor.

Lat. 33° 49' 07" N., Long. 109° 06' 23" W., from special
instructions from the Surveyor General, and later ver-
ified.

Mag. Var. at 9 a.m., 13° 30' E. Mean Mag. Var. 13° 28' E

Chains	Thence S. 31° 06' E.
-	Asc. 10 ft. in open draw.
4.90	Arroyo, 8 lks. wide, 6 ft. deep, course N.
12.40	Arroyo, 25 lks. wide 3 ft. deep, course NW.
15.40	Arroyo, 25 lks. wide, 4 ft. deep, course N.
18.67	Arroyo, 6 lks. wide, 2 ft. deep, course WNW.
23.23	To cor. No. 2.
	Identical with cor. H-16 of the list survey, which is a sandstone 8 x 7 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 8 x 3 x 3 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 and 2 - H E S 499 on side facing the claim; and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor., whence:
	A yellow pine, 26 ins. dia., bears N. 37° 08' E., 72 lks. dist., scribed 2 H E S 499 cross B T.
	A yellow pine, 16 ins. dia., bears S. 87° 07' E., 189 lks. dist., scribed 2 H E S 499 + B T.
	Thence S. 16° 41' W.
	Up open draw. Ascend 5 ft. to cor.
8.32	Fence bears NE. and SW.
8.89	Fence bears SSE. and NNW.
9.09	To cor. No. 3.
	Identical with cor. H-15 of the list survey, which is a sandstone 12 x 4 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite stone 8 x 4 x 3 ins. marked with a + 15 ins. in the ground, over which set a granite stone 25 x 18 x 8 ins., chiseled + for the point and 3 - H E S 499 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

APACHE NATIONAL FOREST
STATE OF ARIZONA

Chains	<p>A yellow pine, 24 ins. dia., bears S. 50° 41' E., 172 lks. dist., scribed 3 H E S 499 + B T.</p> <p>A yellow pine, 14 ins. dia., bears N. 49° 16' E., 162 lks. dist., scribed 3 H E S 499 + B T.</p>
	<p>Thence S. 38° 48' E.</p> <p>Ascend open draw 15 ft. to cor.</p> <p>1.00 Fence bears NNW. and SSE.</p> <p>2.09 Fence cor., fence bears W. and along line.</p> <p>9.00 Cor. cultivated land bears S. 80° W., continue along edge of cultivated land.</p> <p>12.30 Leave cultivated land, bears W.</p> <p>12.56 Fence cor., fence bears SW. Leave fence.</p> <p>13.18 Cor. H-14 of the list survey, which is a sandstone 8 x 3 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.</p> <p>14.68 To cor. No. 4.</p> <p>Deposit a sandstone 8 x 4 x 2 ins. marked with a cross, 14 ins. in the ground, over which set a limestone 24 x 12 x 8 ins., chiseled + for the point and 4- H E S 499 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:</p> <p>A yellow pine, 22 ins. dia., bears N. 26° 25' E., 24 lks. dist., scribed 4 H E S 499 + B T.</p> <p>A yellow pine, 16 ins. dia., bears N. 76° 10' W., 182 lks. dist., scribed 4 H E S 499 + B T.</p> <p style="text-align: right;">September 22, 1916.</p>
	<p>September 23, 1916.</p> <p>Thence N. 83° 47' W.</p> <p>Across end of open park, along gentle N. slope.</p> <p>2.58 Fence cor., fence bears NNE. and WSW.</p> <p>11.36 Enter cultivated land, bears S. 80° W. and N. 80° E.</p> <p>16.70 Leave cultivated land, bears S. 80° W. and N. 80° E.</p>

HOMESTEAD ENTRY SURVEY NO. 499

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains
21.47

Fence bears NNW. and SSE.

22.89

To cor. No. 5.

Identical with cor. H-12 of the list survey, which is a sandstone 18 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 sandstone 5 x 4 x 3 ins. marked with a +, 15 ins. in the ground, over which set a sandstone 25 x 16 x 12 ins., chiseled + for the point and 5 - H E S 499 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

A yellow pine, 36 ins. dia., bears N. 8° 10' W.,

22 lks. dist., scribed 5 H E S 499 + B T.

A yellow pine, 26 ins. dia., bears S. 44° 04' W.,

38 lks. dist., scribed 5 H E S 499 + B T.

Cor. H-13 of the list survey, which is a sandstone 8 x 5 x 5 ins. above ground, marked and

witnessed as described by the Forest Service, bears S. 67° 20' E., 15.05 chs. dist. I destroy all trace of this list cor.

Cor. H-11 of the list survey, which is a sandstone 12 x 8 x 4 ins. in mound of stone, marked and witnessed as described by the Forest Service, bears N. 2° 30' W., 3.26 chs. dist. I destroy all trace of this list cor.

Thence N. 18° 08' W.

Descend 10 ft. along foot East slope, in edge of timber.

7.77

Fence cor., fence bears SSE. and ENE.

11.23

To cor. No. 6.

Identical with cor. H-10 of the list survey, which is a sandstone 7 x 3 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 2 ins. marked with a +, 15 inches in the ground,

HOMESTEAD ENTRY SURVEY NO. 499

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains over which set a sandstone 25 x 16 x 12 ins., chiseled + for the point and 6 - H E S 499 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor., whence:

A yellow pine, 14 ins. dia., bears N. 43° 24' W.,
50 lks. dist., scribed 6 H E S 499 + B T.

A yellow pine, 24 ins. dia., bears S. 47° 51' W.,
30 lks. dist., scribed 6 H E S 499 + B T.

Thence N. 78° 27' W.

Along foot N. slope in edge of timber.

6.24 To cor. No. 7.

Identical with cor. H-9 of the list survey, which is a sandstone 8 x 8 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 5 x 3 x 2 ins. marked with a +, 24 ins. in the ground, over which set a conglomerate stone 34 x 16 x 8 ins., chiseled + for the point and 7 - H E S 499 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor., whence:

A yellow pine, 26 ins. dia., bears N. 80° 20' E.,
16 lks. dist., scribed 7 H E S 499 + B T.

A yellow pine, 24 ins. dia., bears S. 44° 36' W.,
103 lks. dist., scribed 7 H E S 499 + B T.

Thence N. 31° 17' E.

Along edge of open draw.

8.09 Cor. No. 8.

Identical with cor. H-8 of the list survey, which is a sandstone 8 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list corner. Deposit a sandstone 8 x 6 x 3 ins. marked with a + 17 ins. in the ground,

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

over which set a sandstone 27 x 12 x 6 ins., chiseled + for the point and 8 - H E S 499 on S. face; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor., whence:

A yellow pine, 24 ins. dia., bears N. 82° 26' W., 100 lks. dist., scribed 8 H E S 499 + B T.

A yellow pine, 16 ins. dia., bears N. 50° 30' E., 212 lks. dist., scribed 8 H E S 499 + B T.

Thence S. 44° 34' E.

Descend 5 ft. across open draw to arroyo.

2.96 Arroyo, 24 lks. wide, 5 ft. deep, course NNE. Ascend 15 ft. in edge of timber to cor.

5.10 Old road bears N. and S.

14.30 Old road bears W. and NNE.

15.75 Fence, bears ENE. and WSW.

16.02 To cor. No. 9.

Identical with cor. H-6 of the list survey, which is a sandstone 12 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 8 x 6 x 4 ins. marked with a + 17 ins. in the ground, over which set a sandstone 27 x 14 x 12 ins., chiseled + for the point and 9 - H E S 499 on S. face; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor., whence:

A yellow pine, 8 ins. dia., bears S. 69° 32' E., 140 lks. dist., scribed 9 H E S 499 + B T.

A yellow pine, 8 ins. dia., bears N. 17° 16' W., 75 lks. dist., scribed 9 H E S 499 + B T.

Cor. H-7 of the list survey, which is a sandstone 6 x 4 x 5 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 74° 10' W., 346 lks. dist. I destroy all trace of this list cor.

Chains	<p>Cor. H-5 of the list survey, which is a conglomerate stone 6 x 5 x 4 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 56° 50' E., 298 chs. dist. I destroy all trace of this list cor.</p>
0.21 14.50	<p>Thence N. 23° 47' E. Descend 15 ft. along West slope in edge of timber. Fence bears ENE. and SSW. To cor. No. 10. Identical with cor. H-4 of the list survey, which is a sandstone 8 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 8 x 6 x 4 ins. marked with a + 14 ins. in the ground, over which set a sandstone 24 x 12 x 6 ins., chiseled + for the point and 10 - H E S 499 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high, E. of cor., whence: A yellow pine, 12 ins. dia., bears S. 47° 38' W., 149 lks. dist., scribed 10 H E S 499 + B T. A yellow pine, 8 ins. dia., bears N. 66° 26' W., 147 lks. dist., scribed 10 H E S 499 + B T.</p>
9.50 11.40 11.90 20.57	<p>Thence N. 34° 50' W. Along foot East slope. Ascend 10 ft. to point of hill. Point of hill. Descend 20 ft. to arroyo. Old road bears NNW. and SSE. Arroyo, 10 lks. wide, 3 ft. deep, course ENE. Thence along draw in edge of timber. To cor. No. 11 and C. C. on line bet. secs. 17 and 20, Deposit a porphyry stone 4 x 3 x 2 ins. marked with a + 30 ins. in the ground, over which set a porphyry stone 42 x 16 x 6 ins., chiseled + for the point, C C on SE. face and 11 - H E S 499 on E. face; and</p>

268

HOMESTEAD ENTRY SURVEY NO. 499

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains - raise a mound of stone 3 ft. base, 2 ft. high SE. of cor. whence:

A yellow pine (twin), 8 ins. dia., bears N. 47° 03' E., 28 lks. dist., scribed 11 H E S 499 + B T.

A yellow pine, 10 ins. dia., bears S. 54° 18' E., 36 lks. dist., scribed 11 H E S 499 + B T.

1/4 sec. cor. bet. secs. 17 and 20; heretofore described, bears S. 89° 44' E., 2.43 chs. dist.

Cor. secs. 17, 18, 19 and 20, heretofore described, bears N. 89° 44' W., 37.47 chs. dist.

Cor. H-1 of the list survey, which is a sandstone 14 x 4 x 14 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 13° E., 26 lks. dist. I destroy all trace of this list cor.

Cor. H-2 of the list survey, which is a sandstone 8 x 8 x 14 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 30° 38' E., 12.20 chs. dist. I destroy all trace of this list cor.

Cor. H-3 of the list survey is not found after careful search.

Thence N. 17° 04' W.

Ascend along East slope 10 ft. to cor. To cor. No. 12.

Deposit a sandstone 8 x 6 x 4 ins. marked with a + 19 ins. in the ground, over which set a sandstone 18 x 10 ins., chiseled + for the point and 112 - H E S 499 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

HOMESTEAD ENTRY SURVEY NO. 499

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains
 .71 A yellow pine, 16 ins. dia., bears S. 24° 25' E.,
 .83 63 lks. dist., scribed 12 H E S 499 + B T.
 .95 A yellow pine, 10 ins. dia., bears N. 78° 25' W.,
 1.07 102 lks. dist., scribed 12 H E S 499 + B T.
 1.19 Cor. H-23 of the list survey, which is a sand-
 stone 7 x 5 x 5 ins. marked and witnessed as
 described by the Forest Service, bears N. 30° E.,
 1.31 100 lks. dist. I destroy all trace of this list
 cor.

Thence N. 70° 14' W.
 . Ascend 10 ft. in timber to point of hill.
 2.00 Point of hill. Descend 20 ft. in timber to cor.
 7.25 To cor. No. 13.
 Identical with cor. H-22 of the list survey, which is
 a sandstone 10 x 5 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 sandstone
 . 6 x 3 x 2 ins. marked with a + 14 ins. in the ground,
 over which set a granite stone 24 x 14 x 8 ins. chis-
 eled + for the point and 13 H E S. 499 on NE. face;
 and raise a mound of stone 3 ft. base, 2 ft. high NE.
 of cor., whence:

A yellow pine, 16 ins. dia., bears S. 14° 42' E.,
 136 lks. dist., scribed 13 H E S 499 + B T.
 A yellow pine, 14 ins. dia., bears S. 78° 38' E.,
 102 lks. dist., scribed 13 H E S 499 + B T.

Thence N. 2° 22' W.
 Descend 15 ft. in open to cor.

0.20 Fence cor., fence bears ESE. and along line.
 2.34 Small creek, 3 lks. wide, 4 ft. deep, course N. 40° E.
 17.50 Fence cor., fence bears East. Leave fence.
 17.52 Cor. H-21 of the list survey, which is a sandstone 8 x 8

x 4 ins. above ground, marked and witnessed as described
 by the Forest Service. I destroy all trace of this list

Chains
18.26

To cor. No. 14. On latitudinal center line, sec. 17.

Deposit a granite stone 6 x 5 x 4 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 and 14 - H E S 499 on side facing the claim; dig pits 24 x 24 x 12 ins. crosswise on claim line 8 ft. dist.; and raise a mound of earth and stone 4 ft. base, 3 ft. high SE. of cor.

Thence N. 88° 59' E.

Along latitudinal center line through sec. 17.

Over open level land.

14.42 Center 1/4 sec. cor., heretofore described. I mark same stone with a + on top and W C - 15 - H E S 499 on S. face for witness cor. to cor. No. 15 of this survey; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor.

No witnesses available. Pits impracticable.

15.50 Small creek, 5 lks. wide, 3 ft. deep, course N.

16.02 Point for cor. No. 15.

Point for cor. falls in wagon road, therefore deposit two quarts of charcoal 12 ins. in ground for cor. No. 15 of this survey. Road bears N. and S.

Cor. No. 7, H E S 500, (which is an iron post 2

ins. dia.; 12 ins. above ground, with brass cap marked 1916 and 7 - H E S 500 on side facing the

claim) bears N. 42° 14' E., 118 lks. dist.

Cor. H-20 of the list survey, which is a sandstone

14 x 6 x 10 ins. above ground, marked and witnessed

as described by the Forest Service, bears S. 42°

W., 87 lks. dist. I destroy all trace of this

list cor.

Thence S. 3° 24' W.

From point for cor. No. 15.

TRAPACHE NATIONAL FOREST

STATE OF ARIZONA

Chains 1.00	Ascend 15 ft. in open to cor. Deposit a granite stone 6 x 4 x 2 ins. marked with a + 14 ins. in the ground, over which set a granite stone 24 x 10 x 5 ins., chiseled + for the point and W.C. 15-H E S 499 on W. face for witness cor. to cor. No. 15; dig pits 24 x 24 x 12 ins. crosswise on claim lines 3 ft. dist.; and raise a mound of earth and stone 4 ft. base, 3 ft. high W. of cor.
11.72	Small creek, 5 lks. wide, 3 ft. deep, course NW.
16.00	Small creek, 5 lks. wide, 3 ft. deep course NE.
21.24	Fence bears N. and S.
23.65	Fence bears NE. and SW.
24.15	Road bears NE. and SW.
29.80	Road bears NNW. and SSE.
30.24	Fence bears NNW. and SSE.
31.40	To cor. No. 16.
	Deposit a sandstone 6 x 5 x 3 ins. marked with a + 14 ins. in the ground, over which set a sandstone 24 x 18 x 8 ins., chiseled + for the point and 16 H E S 499 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence: A yellow pine, 16 ins. dia., bears S. 87° 25' E., 127 lks. dist., scribed 16 H E S 499 + B T. A yellow pine, 18 ins. dia., bears N. 33° 12' E., 80 lks. dist., scribed 16 H E S 499 + B T.
	Cor. H-19 of the list survey, (which is a sandstone 14 x 6 x 8 ins. above ground, marked and witnessed as described by the Forest Service), bears N. 8° 30' E., 8.90 chs. dist. I destroy all trace of this list cor.
	Cor. H-18 of the list survey, which is a conglomerate stone 18 x 6 x 10 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 2° 07' W., 6.24 chs. dist. I destroy all trace of this list cor.

HOMESTEAD ENTRY SURVEY NO. 499

TAPACHELAMOIT NATIONAL FOREST

STATE OF ARIZONA.

Chains	Thence S. 23° 55' E. to top of ridge of open hill. Ascend 5 ft. to point.
2.00	Fence bears NNW. and SSE.
2.50	Road bears N. and S.
4.50	Top ascent. Descend 5 ft. to cor.
5.75	Road bears NW. and SE.
6.77	Fence bears NW. and SE.
7.25	Cor. No. 1, the place of beginning.

AREA.	
Area in Sec. 17	38.27 acres.
Area in Sec. 20	37.83 acres.
Total Area	76.10 acres.

IMPROVEMENTS.

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

A log dwelling, 15 x 18, the long side of which bears E. and W. and the SE. cor. of which bears N. 32° E., 135 lks. dist. from cor. No. 12. Value - - - - \$300.00

A frame shed, 16 x 14 ft., the long side of which bears N. and S. and the NW. cor. of which bears S. 52° 07' E., 175 lks. dist. from cor. No. 12. Value - - - - 50.00

There are approximately 2-1/2 miles of log and brush fence. Value - - - - - 150.00

DESCRIPTION.

This claim is situated largely in a long, narrow open draw, and extends North in the valley of San Francisco River. The general slope is to the North. There are low timbered ridges to East and West.

The only timber on the claim consists of small patches of yellow pine along the E. and W. boundary lines.

The soil is a sandy loam, weathering product of sandstone which is formation of surrounding hills. Soil is deep

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

and fertile, and was producing good grain crops at time of survey,

There is running water in two small streams in Northern portion of tract. Neither furnishes sufficient water for irrigation, and only flow during the wet season. Water for domestic use is obtained from a nearby spring during a portion of the year and is hauled several miles the remainder of the year.

There are approximately 20 acres under cultivation.

I saw no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. Patented homestead of Francis Hamblin lies approximately 6.00 chs. to West, and tract is separated from H. E. S. No. 500 of H. R. Burk by roads on N. and NE.

The nearest railroad point is Clifton, Arizona, 85 miles distant by almost impassible wagon road. Alpine, Arizona, the nearest post office and settlement, is 3 miles distant to NW. Springerville, the commercial base of this locality lies approximately 30 miles to North.

TRAVERSE

Part in Section 20.

Cor.	Course	Dist.	N	S	E	W	
1-2	S. 31° 06' E.	23.23		19.89	12.00		
2-3	S. 16° 41' W.	9.09		8.71		2.61	
3-4	S. 38° 48' E.	14.68		11.44	9.20		
4-5	N. 83° 47' W.	22.89	2.48			22.76	
5-6	N. 18° 08' W.	11.23	10.67			3.50	
6-7	N. 78° 27' W.	6.24	1.25			6.11	
7-8	N. 31° 17' E.	8.09	6.91		4.20		
8-9	S. 44° 34' E.	16.02		11.41	11.24		
9-10	N. 23° 47' E.	14.50	13.27		5.85		
10-11	N. 34° 50' W.	20.57	16.88			11.75	
11- $\frac{1}{4}$	S. 89° 44' E.	2.43		0.01	2.43		
$\frac{1}{4}$ -1	S. 89° 44' E.	1.82		0.01	1.82		
			150.79	51.46	51.47	46.74	46.73
					51.46	46.73	
Error in Lat. and Dep.				.01		.01	

274

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Closing error, 1:10664.

Part in Section 17.

Cor.	Course	Dist.	N	S	E	W
1- $\frac{1}{4}$	N. 89° 44' W.	1.82	0.01			1.82
$\frac{1}{4}$ -11	N. 89° 44' W.	2.43	0.01			2.43
11-12	N. 17° 04' W.	17.72	16.94			5.20
12-13	N. 70° 14' W.	7.25	2.45			6.82
13-14	N. 2° 22' W.	18.26	18.24			0.75
14-15	N. 88° 59' E.	16.02	0.28		16.02	
15-16	S. 3° 24' W.	31.40		31.34		1.86
16-1	S. 23° 55' E.	7.25		6.63	2.94	
		102.15	37.93	37.97	18.96	18.88
				37.93	18.88	

Error in Lat. and Dep.

.04 .08

Closing error, 1:1142.

Survey completed September 23, 1916.

Signed statement by the entryman, agreeing to the changes as made, is herewith attached.

R. P. Johnson
 Surveyor - Draftsman

September 26 19 6

I, I. E. Burk hereby agree to
 the survey of my homestead, number 499 as made on
22 + 23 days of September 196, by Forest
 Service Surveyor C. P. Johnson
 and further agree that when notified that the survey
 has been approved and before attempting to make final
 proof on my entry, I will apply for amendment of the
 same to conform with said survey.

The changes made by the surveyor are straightening
of lines on South, East and west
sides and placing of north line
on center line of section.

C. P. Johnson
 Witness

Ira Emery Burk.
 Claimant.

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains

Direct Solar, at 1/4 cor. bet. secs. 17 & 20, September
20, 1916.

Lat. 33° 49' 07" N. Long. 109° 06' 25" W. Elevation
8400 ft.

Decl. 1° 03' 39" N.

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	8h. 40m. 53s.	65° 37' 30"	33° 15' 30"	+°
Reversed	8h. 41m. 34s.	66° 07' 00"	32° 48' 30"	+°
	8h. 41m. 13s.	65° 52' 15"	33° 02' 00"	
			01' 06"	
			<u>33° 01' 54"</u>	

$$\text{Cos. Q.} = \frac{\sin. 1^\circ 03' 39''}{\cos. 33^\circ 49' 07'' \times \cos. 33^\circ 01' 57''} - \frac{\tan. 33^\circ 49' 07'' \times \tan. 33^\circ 01' 57''}{\tan. 33^\circ 49' 07'' \times \tan. 33^\circ 01' 57''}$$

log. sin. 1° 03' 39" = 8.2674996 ✓
 log. cos. 33° 49' 07" = 9.9194985 ✓
 log. cos. 33° 01' 57" = 9.9234313 ✓
 8.4245698 ✓ = log. .02658 ✓
 log. tan. 33° 49' 07" = 9.8260179 ✓
 log. tan. 33° 01' 57" = 9.8130565 ✓
 9.6390744 ✓ = log. .43559 ✓
 Cos. Q. = .40901
 Q. = 65° 51' 27" ✓

Difference from Polaris meridian 0° 00' 48" ✓

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. 499, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
Sec. 17. 1-1/4	N. 89° 44' W.	1.82	01			1.82	32 28	32		
1/4-11	N. 89° 44' W.	2.43	01			2.43	28 03	28		
11-12	N. 17° 04' W.	17.72	16.94			5.20	20 39	345 61		
12-13	N. 70° 14' W.	7.25	2.45			6.82	8 35	20 46		
13-14	N. 2° 22' W.	18.26	18 24			75	76	13 87		
14-15	N. 88° 59' E.	16.02	28	31.33		16.02	16 01	4 64		
15-16	S. 3° 24' W.	31.40		31 34		2.93	30 13		943 97	
16-1	S. 23° 55' E.	7.25		6 63		2 94	31 17		206 66	
		102.15	37 93	37 97		18 96		385 18	1150 63	
			37 96	37 96		18 94			385 18	
	Closing error.	1.1142.							20/765 45	38 27 Acres.

277

EMH

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

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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.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 499, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 20.	S. 31° 06' E.	23.23		19 88	11 99		32 57	786 65	
	S. 16° 41' W.	9.09		8 71	12 00	2 61	48 95	426 35	
	S. 38° 48' E.	14.68		11 44	9 20	55 54	55 54	635 38	
	N. 83° 47' W.	22.89	2 48			22 76	41 98		104 11
	N. 18° 08' W.	11.23	10 67			3 50	15 72		167 73
	N. 78° 27' W.	6.24	1 25			6 11	6 11		7 64
	N. 31° 17' E.	8.09	6 91		4 20		4 20		29 02
	S. 44° 34' E.	16.02		11 41	11 24		12 64	224 09	
	N. 23° 47' E.	14.50	13 27		5 85		36 73		487 41
	N. 34° 50' W.	20.57	16 88			11 75	30 83		520 41
	S. 89° 44' E.	2.43		01	2 43		21 51		22
	S. 89° 44' E.	1.82		01	1 82		25 76		26
		150.79	51 46	51 47	46 74	46 73		1316 32	2072 95
			51 46	51 46	46 73	46 73		1316 32	2072 95
								20756 63	
	Closing error 1:10664							37 831	Acres.

279

EMH

DIRECTIONS.—1. Carry out calculations to two decimals only.
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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 499, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 31° 06' E.	23.23		19 89	12 00				
2-3	S. 16° 41' W.	9.09		8 71		2 61			
3-4	S. 38° 48' E.	14.68		11 44	9 20				
4-5	N. 83° 47' W.	22.89	2 48			22 76			
5-6	N. 18° 08' W.	11.23	10 67			3 50			
6-7	N. 78° 27' W.	6.24	1 25			6 11			
7-8	N. 31° 17' E.	8.09	6 91		4 20				
8-9	S. 44° 34' E.	16.02		11 41	11 24				
9-10	N. 23° 47' E.	14.50	13 27		5 85				
10-11	N. 34° 50' W.	20.57	16 88			11 75			
11-12	N. 17° 04' W.	17.72	16 94			5 20			
12-13	N. 70° 14' W.	7.25	2 45			6 82			
13-14	N. 2° 22' W.	18.26	18 24			75			
14-15	N. 88° 59' E.	16.02	28		16 02				
15-16	S. 3° 24' W.	31.40		31 34		1 86			
16-1	S. 23° 55' E.	7.25		6 63	2 94				
		244.44	89 37	89 42	61 45	61 36			
			89 37	89 37	61 36				
				05	09				
	Closing error, 1:2374.								

281

2m

APPROVAL

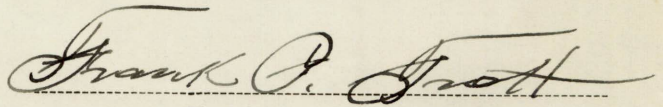
Office of the United States Surveyor General,

Phoenix, Arizona, June 29, 1918

The foregoing field notes of Homestead Entry Survey No.

499

executed by R. P. A. Johnson, Surveyor. Draftsman
[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.