

ORIGINAL

73

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

AUG 2- 1917

MAY - 2 1918

DEC 16 3

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 485

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 31 , - surveyed, Township 8 N. , Range 28 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing David Bigelow,

Residence Greer, Arizona.

Application No. 356 ✓ , dated January 27 , 1915 ✓

List No. 3-3591 ✓ , dated May 24 , 1915 ✓

Applicant for survey David Bigelow,

Residence Greer, Arizona.

H. E. No. 028663 ✓ , dated November 9 , 1915 ✓

Office
Land District Phoenix, Arizona

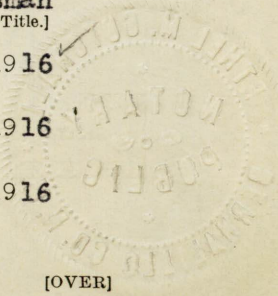
Survey executed by R. P. A. Johnson, Surveyor - Draftsman
[Forest Service Title.]

Under special instructions dated June 21 , 1916

Survey commenced August 12 , 1916

Survey completed August 21 , 1916

Under Acts of June 11, 1906 and August 11, 1916 ✓



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OATH OF ASSISTANTS

We hereby certify that we assisted P.P.A. Johnson
Surveyor Draftsman [Forest Service Title.] in surveying all those

parts or portions of Homestead Entry Survey No. 485, 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.

Nelson F. Neuman, Chairman

Chester A. Lee, Chairman

Subscribed and sworn to before me this twenty seventh day of September, 1916.

P.P.A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, P.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. 3-3591, dated May 24 1915, for June 11, 1906, the same to be known as Homestead Entry Survey No. 485, situated within the Apache National Forest, in - surveyed Section 31, Township 8N, Range 28E, and - surveyed Section - - - - , Township - - - - , Range - - - - ,

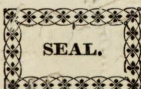
of the Gila and Salt River Basins meridian, Arizona, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated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

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

Subscribed and sworn to before me this thirtyfirst day of March, 1917.

Earle M. Gutchess

Notary Public



My Commission expires Mar. 17 1921

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, David Bigelow; Application No. 356, dated January 27, 1915; List No. 3-3591, dated May 24, 1915; H. E. 028663, made in the Phoenix Land Office on November 9, 1915 by David Bigelow.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 21, 1916 and designated as Homestead Entry Survey No. 485.

Situated in Sec. 31, T. 8 N., R. 28 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 August 12, 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.

August 16, 1916.

At 9h. 52.6m. p.m., l.m.t., I observe Polaris at Eastern Elongation at cor. No. 1, hereinafter described, with telescope direct and reversed. The reading on the reference object West of star is set at zero. The mean horizontal angle is 1°28' and the azimuth of Polaris 1° 22' 42" E. Reference object therefore bears N. 0° 05' 18" W.

Lat. 34° 02' 10" N., Long. 109° 25' 27" W., from special instructions from the Surveyor General and later verified.

August 21, 1916.

At 9h. 33m. p.m., l.m.t., I observe Polaris at Eastern Elongation at same station, with telescope direct and reversed. The reading on the reference object West

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Chains of star is set at zero. The mean horizontal angle is $1^{\circ} 28' 30''$, and the Azimuth of Polaris is $1^{\circ} 22' 40''$ E. Reference object therefore bears N. $0^{\circ} 05' 50''$ W. The mean of these two observations is N. $0^{\circ} 05' 34''$ W. and to the corresponding meridian all the courses of this survey are referred.

The courses of this survey were run on an assumed azimuth which was subsequently corrected to the meridian as determined by the above described observations.

RETRACEMENTS AND RESURVEYS

August 12, 1916.

From cor. for Ts. 7 and 8 N., Rs. 27 and 28 E., described by the Surveyor General as a lava stone with mound of stone and two witness trees. After strict search I am unable to find any trace of stone or mound, but find witness trees in good condition. It was impossible to make the call distance of witnesses agree with the call bearings. I therefore use the call distances and at point of intersection restore corner as follows:

Deposit a lava stone 5 x 5 x 1 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 8 x 5 ins. for cor. of Ts. 7 and 8 N., Rs. 27 and 28 E., marked with 6 notches on each edge; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor., whence:

A yellow pine, 16 ins. dia., bears N. $30^{\circ} 12'$ E., 14 lks. dist., scribed T 8 N R 28 E S 31 B T.

(Old bearing tree. Erroneously recorded in field notes from Surveyor General as N 50° E. 14 lks.)

A yellow pine, 16 ins. dia., bears S. $75^{\circ} 53'$ W., 20 lks. dist., scribed T 7 N R 27 E S 1 B T.

(Old bearing tree. Erroneously recorded in field notes from Surveyor General as S 80° E., 20 lks. and marked T 7 N R 28 E S 6 B T.)

A yellow pine, 20 ins. dia., bears S. $41^{\circ} 25'$ E., 161 lks. dist., scribed T 7 N R 28 E S 6 B T.

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Chains	<p>A yellow pine, 14 ins. dia., bears N. 57° 04' W., 180 lks. dist., scribed T 8 N R 27 E S 36 B T. Thence East.</p>
39.00	<p>On random line bet. secs. 6 and 31. 1/4 sec. cor. bet. secs. 6 and 31 is not found after a careful search.</p>
79.00	<p>Cor. for secs. 31, 32, 5 and 6 is not found after a care- ful search.</p>
	August 12, 1916.
	August 14, 1916.
	<p>Continue East.</p> <p>On a random line bet. secs. 5 and 32.</p>
119.00	<p>1/4 cor. bet. secs. 5 and 32 is not found after a careful search.</p>
159.00	<p>Cor. for secs. 32, 33, 4 and 5 is not found after a care- ful search.</p>
	August 14, 1916.
	August 15, 1916.
	<p>Continue East.</p> <p>On a random line bet. secs. 4 and 33.</p>
195.77	<p>Fall 80 lks. S. of 1/4 sec. cor. bet. secs. 4 and 33, which is a lava stone 8 x 3 x 10 ins. above ground, marked and witnessed as described by the Surveyor Gen- eral. The stone is in poor condition. I therefore restore cor. as follows: Deposit a lava stone 4 x 3 x 2 ins. marked with a +, 16 ins. in the ground, over which set a limestone 26 x 16 x 8 ins. for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence: A yellow pine, 16 ins. dia., bears N. 57° 45' W., 36 lks. dist., scribed 1/4 S 33 BT.</p>

Chains

A Douglas Fir, 16 ins. dia., bears S. 16° 30' W.,
42 lks. dist., scribed 1/4 S 4 B T.

Thence S. 89° 46' W.

On true line bet. secs. 4 and 33.
(Apportioned distance),
39.35 / At this point I again make strict search for cor. to
secs. 32, 33, 4 and 5, which is described by the Sur-
veyor General as a stone with mound of stone and one
witness tree. I fail to find any trace of stone,
mound or witness tree. I re-establish cor. as follows:
Deposit a lava stone 8 x 5 x 4 ins. for cor. of secs.
32, 33, 4 and 5, marked with a +, 18 ins. in the ground,
over which set a lava stone 28 x 20 x 10 ins. marked
with 4 notches on E. face and 2 notches on W. face;
and raise a mound of stone 3 ft. base, 2 ft. high W.
of cor., whence:

A yellow pine, 8 ins. dia., bears N. 24° 30' W.,
7 lks. dist., scribed T 8 N R 28 E S 32 B T.

A yellow pine, 10 ins. dia., bears N. 62° 30' E.,
13 lks. dist., scribed T 8 N R 28 ES 33 B T.

A yellow pine, 10 ins. dia., bears S. 20° 30' E.,
49 lks. dist., scribed T 7 N R 28 ES 4 B T.

A yellow pine, 12 ins. dia., bears S. 19° 30' W.,
16 lks. dist., scribed T 7 N R 28 E S 5 BT.

Thence S. 89° 46' W.

On true line bet. secs. 32 and 5.
(Apportioned distance),
39.35 / At this point I again make strict search for 1/4 sec.
cor. bet. secs. 32 and 5, but fail to find any evidence
of cor. or witnesses. I establish cor. as follows:
Deposit a lava stone 5 x 5 x 4 ins., 6 ins. in the
ground, over which set a lava stone 26 x 12 x 7 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

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Chains hold it in place (impracticable to set cor. deeper),
whence:

A Douglas Fir, 8 ins. dia., bears N. 42° E., 19
lks. dist., scribed 1/4 S 32 B T.

A Douglas Fir, 10 ins. dia., bears S. 52° 30' W.,
31 lks. dist., scribed 1/4 S 5 B T.

Thence S. 89° 46' W.

On true line bet. secs. 32 and 5.

39.35 (Apportioned distance). At this point I again make strict
search for cor. for secs. 31, 32, 5 and 6, which is de-
scribed by the Surveyor General as a stone, with mound
of stone, and one witness tree. I fail to find any
trace of stone, mound or witness tree. I re-establish

cor. as follows: Deposit a lava stone 15 x 4 x 2 ins.
marked with a +, 18 ins. in the ground, over which set
a lava stone 28 x 14 x 6 ins. for cor. secs. 31, 32, 5
and 6, marked with 5 notches on E. face and 1 notch on
W. face; and raise a mound of stone 3 ft. base, 2 ft.

high W. of cor., whence:

A yellow pine, 20 ins. dia., bears N. 42° 53' W.,
161 lks. dist., scribed T 8 N R 28 E S 31 B T.

A yellow pine, 20 ins. dia., bears N. 10° 39' E.,
54 lks. dist., scribed T 8 N R 28 E S 32 B T.

A yellow pine, 18 ins. dia., bears S. 54° 28' E.,
125 lks. dist., scribed T 7 N R 28 E S 5 B T.

A yellow pine, 18 ins. dia., bears S. 37° 25' W.,
77 lks. dist., scribed T 7 N R 28 E S 6 B T.

Thence S. 89° 46' W.

On true line bet. secs. 6 and 31.

39.35 (Apportioned distance). At this point I again make strict
search for 1/4 sec. cor. bet. secs. 6 and 31, which is
described by the Surveyor General as a stone with
mound of stone and one witness tree. I fail to find

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Chains any trace of stone, mound or witness tree. I reestablish cor. as follows: Deposit a lava stone 5 x 4 x 1 ins., 14 ins. in the ground, over which set a lava stone 24 x 10 x 10 ins., 14 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face. No witnesses available, therefore dig pits 18 x 18 x 12 ins. E. and W. of stone 3 ft. dist.; and raise a mound of earth 3-1/2 ft. base, 1-1/2 ft. high N. of cor.

Thence S. 89° 46' W.

38.37 (Apportioned distance): Cor. for Ts. 7 and 8 N., Rs. 27 and 28 E., heretofore described.

August 15, 1916.

August 16, 1916. From cor. for Ts. 7 and 8 N., Rs. 27 and 28 E., heretofore described.

Thence North.

On random line bet. secs. 31 and 36.

40.22 Fall 21 lks. West of 1/4 sec. cor. bet. secs. 31 and 36, which is a lava stone 14 x 10 x 10 ins., marked as described by Surveyor General, in mound of stone with one witness tree. Stone is in poor condition. I

restore cor. as follows:

Deposit a lava stone 4 x 3 x 2 ins. marked with a +, 9 ins. in the ground, over which set a lava stone 18 x 10 x 8 ins. marked 1/4 on West face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor, whence:

A yellow pine, 22 ins. dia., bears S. 67° 15' W., 36 lks. dist., scribed 1/4 S 36 B T.

(Old bearing tree. Not recorded in field notes from Surveyor General).

A yellow pine, 22 ins. dia., bears N. 2° 12' E., 27 lks. dist., scribed 1/4 S 31 B T.

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Chains

Return course S. 0° 18' W., 40.22 chs.

From 1/4 sec. cor. bet. secs. 31 and 36, heretofore described.

Thence North.

On random line bet. secs. 31 and 36.

40.00 At this point I make strict search for cor. to secs. 25, 30, 31 and 36, which is described by the Surveyor General as a lava stone with mound of stone. I fail to find any trace of stone or mound.

Thence East.

On random line bet. secs. 30 and 31.

38.60 At this point I make strict search for 1/4 sec. cor. bet. secs. 30 and 31, which is described by the Surveyor General as a post with marked stone and pit. Point for cor. falls in a plowed field and I fail to find any trace of post, memorial, pits or mound.

78.60 At this point I make strict search for cor. of secs. 29, 30, 31 and 32, which is described by the Surveyor General as a stone, pits and mound of earth, with no witness trees available. I fail to find any trace of stone, mound or pits. Point for cor. falls in a rock side, pits were impossible and there were plenty of witnesses available.

August 16, 1916.

August 17, 1916.

From approximate point for cor. of secs. 29, 30, 31 and 32, heretofore described.

Thence East.

On a random line bet. secs. 29 and 32.

40.00 At this point I make strict search for 1/4 sec. cor. bet. secs. 29 and 32, but fail to find any trace of it or

Chains 80.00	<p>its witnesses.</p> <p>At this point I make strict search for cor. of secs. 28, 29, 32 and 33, which is described by the Surveyor General as a stone, with mound of stone, no trees near. After strict search I fail to find any trace of stone or mound. Trees are plentiful.</p>
	<p>From approximate point for cor. of secs. 28, 29, 32 and 33. Thence South. On a random line bet. secs. 32 and 33.</p>
40.00	<p>At this point I make strict search for 1/4 sec. cor. bet. secs. 32 and 33, which is described by the Surveyor General as a stone with pits and mound of earth, no trees near. I fail to find any trace of stone, pits or mound. Trees are plentiful.</p>
79.76	<p>Fall 244 lks. East of cor. for secs. 32, 33, 4 and 5, heretofore described.</p> <p>August 17, 1916.</p>
	<p>August 18, 1916.</p> <p>From the 1/4 sec. cor. bet. secs. 4 and 33, heretofore described. Thence East. On a random line bet. secs. 4 and 33.</p>
39.20	<p>Cor. for secs. 33, 34, 3 and 4, which is a lava stone 8 x 3 x 10 ins. above ground, marked with 3 notches on E. face and 3 notches on W. face, with mound of stone 3 ft. base, 2 ft. high W. of cor., whence:</p> <p>A yellow pine, 8 ins. dia., bears N. 1° 36' W., 138 lks. dist., scribed T 8 N R 28 E S 33 B T.</p> <p>(New witness)</p> <p>A yellow pine, 10 ins. dia., bears N. 74° 32' E., 51 lks. dist., scribed T 8 N R 28 E S 34 B T.</p>

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Chains (New witness)

A yellow pine, 30 ins. dia., bears S. 29° 04' W.,
8 lks. dist., scribed T 7 N R 28 E S 4 B T.
(Old bearing tree. Erroneously recorded in
field notes from Surveyor General as S. 30° W.
61 lks., and marked T 7 N R 28 E, S 33 B T.)

A yellow pine, 14 ins. dia., bears S. 65° 34' E.,
31 lks. dist., scribed T 7 N R 28 E S 3 B T.
(Old bearing tree. Not recorded in field notes
from Surveyor General).

Return course West, 39.20 chs.

Because of the extensive obliteration of public land
corners in this vicinity, it was impracticable to de-
termine the boundaries of the legal subdivisions in-
cluded in List 3-3591. This survey will therefore
be used as a basis for amendatory listing and entry.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1 and C. C. on line bet. secs. 6
and 31.

Deposit a lava stone 5 x 5 x 1 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, 1 - H E S 485 on NW
face and C C on N. face. No witnesses available,
therefore dig pits 24 x 18 x 12 ins. E. and W. 3 ft.
dist. and N. 7 ft. dist.; and raise a mound of earth
4 ft. base, 2 ft. high N. of cor.

Cor. for Ts. 7 and 8 N., Rs. 27 and 28 E.,
heretofore described, bears S. 89° 46' W.,
37.87 chs. dist.

1/4 sec. cor. bet. secs. 31 and 6, heretofore de-
scribed, bears N. 89° 46' E., 50 lks. dist.
Lat. 34° 02' 10" N., Long. 109° 25' 27" W., from special
instructions from the Surveyor General, and later veri-
fied.

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Chains Mag. decl. at 8:00 a.m., 13° 45' E. Mean mag. decl., 13° 41' E.

Thence S. 89° 46' W.

On line bet. secs. 6 and 31, over level land.

4.42 Fence bears S. 85° W. and N. 85° E.

10.00 Fence bears N. 8° 15' E. and S. 8° 15' W.

11.58 Road bears NW. and SE.

19.18 To cor. No. 2 and C. C. on line bet. secs. 6 and 31.

Also 1/16 cor. on S. line SW/4 of sec. 31.

Deposit a lava stone 4 x 4 x 3 ins. marked with a +, 18 ins in the ground, over which set a lava stone 28 x 20 x 10 ins., chiseled + for the point, 2 - H E S 485 on NE. face and C C 1/16 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., whence:

A yellow pine, 52 ins. dia., bears N. 76° 19' W., 424 lks. dist., scribed 2 H E S 485 + B T.

A yellow pine, 40 ins. dia., bears N. 55° 55' W., 402 lks. dist., scribed 2 H E S 485 + B T.

Cor. for Ts. 7 and 8 N., Rs. 27 and 28 E., heretofore described, Bears S. 89° 46' W., 18.69 chs. dist.

1/4 sec. cor. bet. secs. 31 and 6, heretofore described, bears N. 89° 46' W., 19.68 chs. dist.

Thence N. 15° 57' W.

Descend 5 ft. in open to road.

1.50 Road bears E. and W. Ascend 55 ft. in open to cor.

27.50 Road bears S. 48° E. and N. 48° W.

35.20 Leave open. Enter young pine, bears E. and W.

36.40 To cor. No. 3.

Deposit a lava stone 4 x 2 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 3 - H E S 485 on SE. face; and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., whence:

A yellow pine, 6 ins. dia., bears N. 27° 24' E.,

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Chains	50 lks. dist., scribed 3 H E S. 485 + B T. A yellow pine, 6 ins. dia., bears S. 47° 04' E., 25 lks. dist., scribed 3 H E S. 485 + B T. August 18, 1916.
	August 19, 1916. Thence East. Ascend 55 ft. in young pine along S. slope.
10.53	Top ascent. Leave young pine, bears NE, and SW. Thence along S. slope.
20.50	Road bears N. and S.
23.40	Fence cor., fence bears S. 8° 15' W. and along line.
30.00	Start descent of 70 ft. in open to cor.
39.10	Fence cor., fence bears S. 0° 52' W., leave fence.
40.00	To cor. No. 4. Deposit a lava stone 3 x 3 x 1 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 20 x 8 ins., chiseled + for the point and 4 - H E S 485 on SW. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 7 ft. dist.; and raise a mound of earth and stone 5 ft. base, 3 ft. high, 3-1/2 ft. dist. SW. of cor.
	Thence S. 0° 44' W. Over open level land.
0.75	Arroyo, 8 lks. wide, 4 ft. deep, course SW. Ascend 15 ft. to ridge in open.
5.00	Top ascent. Descend SW. slope 50 ft. in open.
22.80	Foot of slope. Ascend 15 ft. to ridge in open.
26.56	Top ridge, bears E. and W. Descend 10 ft. to cor. in open.
34.37	To cor. No. 5. Deposit a lava stone 4 x 3 x 2 ins. marked with a +, 18 ins. in the ground, over which set a lava stone 28 x 12

Chains x 6 ins., chiseled + for the point and 5 - H E S 485 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

A yellow pine, 26 ins. dia., bears N. 14° 36' W., 257 lks. dist., scribed 5 H E S 485 + B T.

A yellow pine, 22 ins. dia., bears N. 21° 55' E., 370 lks. dist., scribed 5 H ES 485 + B T.

Thence S. 89° 46' W.

Descend 10 ft. to cor. in open. Fence on line.

9.70 Fence cor., fence bears S. 85° W. Leave fence.

10.34 To cor. No. 6.

Deposit a lava stone 4 x 4 x 1 ins. marked with a +, 18 ins. in the ground, over which set a lava stone 28 x 14 x 10 ins., chiseled + for the point and 6 - H E S 485 on NW. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 3 ft. dist.; and raise a mound of earth 4 ft. base; 2 ft. high, 3-1/2 ft. dist. NW. of cor.

Thence South.

0.06 Fence bears S. 85° W. and N. 85° E.

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

August 19, 1916.

AREA

Total Area - - - - - 120.93 acres

IMPROVEMENTS

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

A frame dwelling, 20 x 16 ft., the long side of which bears E. and W. and the SW. cor. of which bears N. 81° 02' E., 9.52 chs. dist. from cor. No. 2.

Value ----- \$125.00

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Chains A well, 25 ft. deep, bears N. 89° E., 9.45 chs. dist.
from cor. No. 2.

Value ----- \$ 30.00

There are approximately 1-1/2 miles of wire fence.

Value ----- \$175.00

DESCRIPTION

This claim lies on a gradual NW. slope on a bench E. of
Little Colorado River. The elevation is 8800 ft.

The timber consists of 1/2 of an acre of 14 year yellow
pine in NW. cor. and a few scattered yellow pine along
E. boundary.

The soil is a black clayey loam of fair depth and pro-
duces good crops.

There is no water for irrigation and none is necessary.

Water for domestic use is obtained from a 25 ft. well
in SW. portion of claim.

I saw no indications of mineral upon the claim.

There are approximately 23 acres in cultivation.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The patented homestead of
Elijah R. Dewitt, embracing the NW/4 NE/4, SW/4 NE/4,
and NW/4 SE/4, lies immediately across the road ex-
ception on the South.

Greer, Arizona, the nearest post office, is 2 miles
distant, and Springerville, Arizona, the nearest com-
mercial center, is 16 miles distant. Both are reached
by fair wagon roads.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains	Cor.	Course	Dist.	N	S	E	W
	1-2	S. 89° 46' W.	19.18		0.08		19.18
	2-3	N. 15° 57' W.	36.40	35.00			10.00
	3-4	East	40.00			40.00	
	4-5	S. 0° 44' W.	34.37		34.37		0.44
	5-6	S. 89° 46' W.	10.34		0.04		10.34
	6-1	South	0.50		0.50		
			140.79	35.00	34.99	40.00	39.96
				34.99		39.96	
		Error in Lat. and Dep.		.01		.04	
		Closing error, 1:3415.					
		Survey completed August 21, 1916.					

R. B. Johnson
Surveyor - Draftsman

DIRECTIONS.—1. Carry out calculation 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. 485, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 89° 46' W.	19.18		08		19 18	39 21		3 14
2-3	N. 15° 57' W.	36.40	35 00		39 99	10 00	10 01	350 35	
3-4	East	40.00		01	40 00	45	39 99		40
4-5	S. 0° 44' W.	34.37		34 37		44	79 53	2733 45	
5-6	S. 89° 46' W.	10.34		04		10 34	68 74		2 75
6-1	South	.50		50			58 40		29 20
		140.79	35 00	34 99	40 00	39 96		350 35	2768 94
			35 00	35 00	39 99	39 99			350 55
								20/2418 59	120 929
									Agres.

89

ENH

APPROVAL

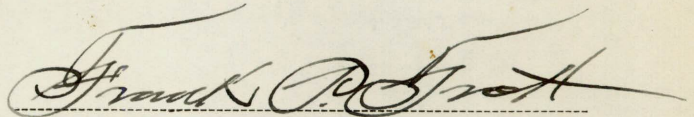
Office of the United States Surveyor General,

Phoenix, Arizona, June 29, 1918

The foregoing field notes of Homestead Entry Survey No.

485

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.