

93

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MAY 7-1917

FIELD NOTES

JUN 29 1917

OF

HOMESTEAD ENTRY SURVEY NO. 456

SITUATED IN THE **SITGREAVES** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section **27** , surveyed, Township **13 N.**, Range **12 E.**

of the

Gila and Salt River Base and Meridian.

State of
Arizona.

*Cancelled by Director's memorandum 5.04b
dated March 14, 1955.*

Applicant for listing	John C. Jameson
Residence	Winslow, Arizona.
Application No. 273	, dated July 16 , 1911 and
	November 9 , 1911
List No. 3-1834	, dated April 6 , 1912

Applicant for survey	Frank E. Lyons
Residence	Winslow, Arizona.
H. E. No. 023946	, dated December 12 , 19 13
Office	
Land District	Phoenix, Arizona.

Survey executed by	R. P. A. Johnson, Surveyor-Draftsman <small>(Forest Service Title.)</small>
Under special instructions dated	April 17 , 1916
Survey commenced	June 17 , 1916
Survey completed	June 17 , 1916
Under Acts of	June 11, 1906 and March 4, 1915

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OATH OF ASSISTANTS

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

parts or portions of Homestead Entry Survey No. 456, in the State
of Arizona which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of our knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished by the United States
Surveyor General for Arizona

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

Nelson A. Newman

Orin Childers

Subscribed and sworn to before me this sixth day of

July, 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 instruc-
tions of the United States Surveyor General for Arizona, dated
April 17, 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, No. 3-1834, dated April 6, 1912, for
patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 456,
situated within the Sitgreaves National Forest, in
surveyed Section 27, Township 13N, Range 12E, and
surveyed Section , Township , Range ,

of the Gila and Salt River 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.

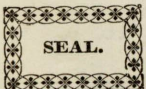
R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

DISTRICT OF COLUMBIA
CITY OF WASHINGTON

Subscribed and sworn to before me this 14th day of

February, 1917.

Sylvester L. McFaurin
NOTARY PUBLIC, D.C.



8-2349

Commission expires
June 20, 1918.

72A



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
SITGREAVES NATIONAL FOREST



ADDRESS REPLY TO
FOREST SUPERVISOR
AND REFER TO

HOLBROOK, ARIZONA

E
SURVEYS-Sitgreaves
General

April 9, 1956

U. S. Department of the Interior
Bureau of Land Management
Arizona State Office
Survey Office
233 Main Post Office
Phoenix, Arizona

Attention: Mr. E. H. Kimmell
Office Cadastral Engineer

Reference is made to your letter of February 21, 1956.

Mr. Don Jirsa, District Ranger, Chevelon Ranger District has informed us that corners and rock monuments have been destroyed and bearing trees defaced at all of the eight original survey points contained in your request of February 21, relative to H.E.S. No. 456.

Very truly yours,

C. K. SPAULDING,
Forest Supervisor,

By *H. N. Allen*

94B



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
SITGREAVES NATIONAL FOREST



HOLBROOK, ARIZONA

February 27, 1956

E
SURVEYS-Sitgreaves
General

U. S. Department of the Interior
Bureau of Land Management
Arizona State Office
Survey Office
233 Main Post Office
Phoenix, Arizona

Attention: Mr. E. H. Kimmell
Office Cadastral Engineer

DATE ROUTED	2-28	INIT'S FOR:
1	STATE SUPV.	<i>P. J. Best</i>
	ADM. ASST.	
	REC. & FOR.	ACTIO
	LANDS & MIN.	
	LAND OFFICE	COMMEN
2	CAD. ENGR.	
	GRAZ. DIST.	INFOR
	RETURN TO	

Dear Mr. Kimmell:

Reference is made your letter of February 21 regarding the destruction of Homestead Entry Survey No. 456 corners. As you know, the country in which this old Homestead was located is presently inaccessible due to storms. However, we will be very glad to destroy these corner monuments and deface the bearing tree marks as soon as weather permits in the spring.

We will notify you when this has been done.

Very truly yours,
C. K. SPAULDING,
Forest Supervisor,

By *H. V. Allen Jr.*

E:EHK
942

Arizona State Office
Survey Office
233 Main Post Office
Phoenix, Arizona

February 21, 1956

Supervisor, Sitgreaves National Forest
Holbrook, Arizona

My dear Sir:

By memorandum dated March 14, 1955, the Director, Bureau of Land Management, informed us that Homestead Entry Survey No. 456, in sec. 27, T. 13 N., R. 12 E., G. & S.R.M., Arizona, had been canceled, and advised that at some future convenient time the corners of the survey should be removed.

We have no plans for a survey party to be operating in that part of the State and the thought occurred that you might have employees working in the vicinity who could destroy these corner monuments and deface the marks on the bearing trees.

The accommodation would be greatly appreciated, and we would like to be advised when the work has been done so that the notation may be made on the official records.

In case you do have someone who can conveniently do this work, I am enclosing a diagram of the survey and a list giving the descriptions of the eight corners to be destroyed and the bearing trees from which marks are to be defaced.

Sincerely yours,

E.H.Kimmell
Office Cadastral Engineer

Enclosures



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO:

E:LMP

94D

Area II
Post Office Box No. 659
Salt Lake City 10, Utah



March 18, 1955

To: BLM State Supervisor for Arizona
From: Area Cadastral Engineer
Subject: Homestead Entry Survey No. 456, Arizona, cancelled

For your information and guidance there are enclosed two copies of the Director's memorandum (5.04b) of March 14, 1955, giving instructions as to the cancellation of Homestead Entry Survey No. 456, Arizona.

It will be noted that the Director recommends the removal of the corners of the survey at some future convenient time. Accordingly, Mr. Kimmell should bear this requirement in mind when field work is scheduled in the vicinity of this entry survey.

Leo M. Petersen
Leo M. Petersen
Area Cadastral Engineer

Enclosure

Copy to: E. H. Kimmell (w/c of encl.)

DATE ROUTED <u>3-21</u>	INIT'S FOR:
1 STATE SUPV.	<i>ETC</i>
ADM. ASST.	
RGE. & FOR.	ACTION ✓
LANDS & M. N.	
LAND OFFICE	COMMENTS
2 CAD. ENGR.	
GRAZ. DIST.	INFORM ✓
RETURN TO	



COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO:

5.04b

944

Washington 25, D. C.

March 14, 1955

Memorandum

To: Area Administrator, Area 2, Bureau of Land Management,
Salt Lake City, Utah

From: The Director

Subject: Homestead Entry Survey No. 456, Arizona, cancelled

Reference is had to Homestead Entry Survey No. 456 in sec. 27, T. 13 N., R. 12 E., G. & S. R. M., Arizona, accepted November 15, 1917, embracing a tract of land containing 17.25 acres in the Sitgreaves National Forest, pursuant to restoration list No. 3-1834 under the act of June 11, 1906 (34 Stat. 233).

According to our records, the entries for this tract have been either relinquished or canceled, and on August 11, 1921, the order of restoration list No. 3-1834 was revoked by the Department upon the request of the Acting Secretary, Department of Agriculture, dated July 20, 1921.

All of sec. 27 is part of the land for which patent is to be issued to the Santa Fe Pacific Railroad Company pursuant to the Transportation Act of 1940 (54 Stat. 954; 49 U.S.C. sec. 65). It is in the Company's indemnity selection, Phoenix 080632, under the act of July 27, 1866 (14 Stat. 292). Civil No. 23477, Santa Fe Pacific Railroad Company and Aztec Land and Cattle Company v. Chapman and Clawson in the United States District Court for the District of Columbia.

Since the restoration under the act of June 11, 1906 has been revoked and the court has held that sec. 27 should be patented to the railroad company for the use of the Aztec Land and Cattle Company pursuant to the provisions of the Transportation Act of 1940, the plat of Homestead Entry Survey No. 456 is hereby canceled. Appropriate notations to this effect have been placed on our records. At a future convenient time the corners of this survey should be removed.

For the Director

/s/ Earl G. Harrington



E:LMP

94F

Area II
Post Office Box No. 659
Salt Lake City 10, Utah

March 18, 1955

Memorandum

To: BLM State Supervisor for Arizona
From: Area Cadastral Engineer
Subject: Homestead Entry Survey No. 456, Arizona, cancelled

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Leo M. Petersen

Leo M. Petersen
Area Cadastral Engineer

Enclosure

Copy to: E. H. Kimmell (w/c of encl.) ✓

*Notation made on Plat and field notes.
Corners to be destroyed*

5.04b



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington 25, D. C.

March 14, 1955

Memorandum

To: Area Administrator, Area 2, Bureau of Land Management,
Salt Lake City, Utah

From: The Director

Subject: Homestead Entry Survey No. 456, Arizona, cancelled

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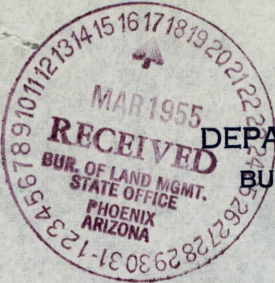
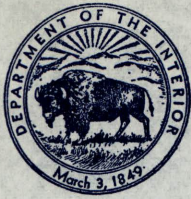
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Since the restoration under the act of June 11, 1906 has been revoked and the court has held that sec. 27 should be patented to the railroad company for the use of the Aztec Land and Cattle Company pursuant to the provisions of the Transportation Act of 1940, the plat of Homestead Entry Survey No. 456 is hereby canceled. Appropriate notations to this effect have been placed on our records. At a future convenient time the corners of this survey should be removed.

For the Director

/s/ Earl G. Harrington



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON 25, D. C.

946

5.04b

March 11, 1955

Memorandum

To: Area Administrator, Area 2, Bureau of Land Management,
Salt Lake City, Utah

From: The Director

Subject: Homestead Entry Survey No. 456, Arizona, canceled.

Reference is had to Homestead Entry Survey No. 456 in sec. 27, T. 13 N., R. 12 E., G. & S. R. M., Arizona, accepted November 15, 1917, embracing a tract of land containing 17.25 acres in the Sitgreaves National Forest, pursuant to restoration list No. 3-1834 under the act of June 11, 1906 (34 Stat. 233).

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Since the restoration under the act of June 11, 1906 has been revoked and the court has held that sec. 27 should be patented to the railroad company for the use of the Aztec Land and Cattle Company pursuant to the provisions of the Transportation Act of 1940, the plat of Homestead Entry Survey No. 456 is hereby canceled. Appropriate notations to this effect have been placed on our records. At a future convenient time the corners of this survey should be removed.

For the Director

(Sgd.) Earl G. Barrington DATE ROUTED 3-17 INIT'S FOR:

Copy for State Supervisor, Area 2,
B.L.M., Phoenix, Arizona

.....	STATE SUPV.	.....	INIT'S FOR:
.....	ADM. ASST.	.....
.....	RGE. & FOR.	.....	ACTION.....
.....	LANDS & M.N.	.....
.....	LAND OFFICE	.....	COMMENTS.....
.....	BAD. ENCR.	.....
.....	GRAZ. DIST.	.....	INFORM.....
.....	
.....	RETURN TO.....	.....

Chains

Applicant for listing, John C. Jameson; Application No. 273, dated July 16, 1911 and November 9, 1911, List No. 3-1834, dated April 6, 1912; H.E. 023946 made in the Phoenix Land Office on December 12, 1913 by Frank E. Lyons.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 17, 1916 and designated as Homestead Entry Survey No. 456.

Situated in Sec. 27, T. 13 N., R. 12 E., Gila and Salt River Base and Meridian, Sitgreaves National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, and March 4, 1915.

Survey commenced June 17, 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.

OBSERVATIONS

June 17, 1916 p.m.

I observe the altitude of the sun for azimuth at Cor. No. 3, hereinafter described. The reading on the reference object is set at zero and sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time.

Lat. $34^{\circ} 29' 30''$, Long. $111^{\circ} 04' 45''$ W., from special instructions from the Surveyor General.

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2.

HOMESTEAD ENTRY SURVEY NO. 456

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	4h. 09m. 09s.	83° 55'	35° 25'
Reversed	4h. 10m. 04s.	84° 25' 30"	35° 45'

Bearing of reference object N. 0° 01' 26" W.

June 17, 1916 p.m.

I again observe the altitude of the sun for azimuth at Cor. No. 3, hereinafter described. The reading on the reference object is set at zero and sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	4h. 11m. 13s.	83° 39'	35° 00' 00"
Reversed	4h. 12m. 02s.	84° 11'	35° 20' 30"

Bearing of reference object N. 0° 01' 22" W.

The mean of these is N. 0° 01' 24" W. and to the corresponding meridian all courses of this survey are referred.

TIE

From Cor. No. 1, hereinafter described.

Thence N. 55° 00' W.

13.65 Fall 18 lks. to right of 1/4 cor. bet. Secs. 22 and 27 which is a sandstone marked as described by the Surveyor General. Both witness trees burned out. I replace them as follows:

A yellow pine 10 ins. dia. bears S. 27° 26' W. 50 lks. dist., scribed 1/4 S 27 B T.

A yellow pine 12 ins. dia. bears N. 1° 45' W. 70 lks. dist., scribed 1/4 S 22 B T.

Return course S. 55° 45' E. 13.65 chs.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1.

Identical with cor. H-5 of the list survey, which is

Chains

a sandstone 20 x 8 x 20 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 4 x 3 x 3 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 14 x 6 ins. chiseled + for the point and 1-H E S 456 on S. face; raise a mound of stone 3 ft. base, 2 ft. high S. of cor., whence:

A yellow pine 10 ins. dia. bears N. 36° 20' W. 28 lks. dist., scribed 1 H E S 456 + B T.

A yellow pine 5 ins. dia. bears N. 42° 31' E. 80 lks. dist., scribed 1 H E S 456 + B T.

1/4 sec. cor. bet. Secs. 22 and 27, heretofore described, bears N. 55° 45' W. 13.65 chs. dist. by direct measurement.

Lat. 34° 29' 50" N., Long. 111° 04' 32" W., from special instructions from Surveyor General.

Mag. Var. at 4 p.m. 14° 15' E.

Mean Mag. Var. 14° 17' E.

Thence S. 11° 16' E.

Across open draw.

3.35 Fence bears N. 13° E. and S. 13° W.

3.40 Wash 20 lks. wide, 4 ft. deep, course ENE. Ascend 10 ft. to cor.

4.66 Fence bears N. 30° E. and S. 30° W.

5.15 Cor. No. 2.

Identical with Cor. H-6 of the list survey, which is a sandstone 7 x 6 x 8 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 2 x 2 ins., marked with a + 14 ins. in the ground, over which set a sandstone 24 x 12 x 12 ins. chiseled + for the point and 2-H E S 456 on W. face; raise a mound of stone 3 ft. base, 2 ft. high W. of cor.,

Chains

whence:

A yellow pine 5 ins. dia. bears S. 84° 47' W.

29 lks. dist., scribed 2 H E S 456 + B T.

A yellow pine 10 ins. dia. bears N. 15° 10' W.

70 lks. dist., scribed 2 H E S 456 + B T.

Thence S. 41° 09' W.

Descend 10 ft. in edge of timber.

2.22 Fence bears S. 30° W. and N. 30° E. Thence over level
land in open along NW. slope.

20.00 Leave bottom. Ascend 20 ft. to ridge in timber.

23.75 Top ascent. Descend 15 ft. to cor. in timber.

23.95 Fence bears N. 60° W. and S. 60° E.

26.61 Cor. No. 3.

Identical with Cor. H-7 of the list survey, which is a sandstone 8 x 6 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 5 x 3 x 1 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 9 x 5 ins. chiseled + for the point and 3-H E S 456 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

A yellow pine 8 ins. dia. bears N. 32° 08' E.

52 lks. dist., scribed 3 H E S 456 + B T.

A yellow pine 12 ins. dia. bears S. 59° 42' E.

43 lks. dist., scribed 3 H E S 456 + B T.

Thence S. 18° 29' W.

In open over level land.

2.75 Fence bears N. 60° W. and S. 60° E.

28.05 Cor. No. 4 at cor. of fence.

Identical with Cor. H-8 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.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

I destroy all trace of this list cor. Deposit a limestone 5 x 3 x 1 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 8 x 4 ins. chiseled + for the point and 4-H E S 456 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

A yellow pine 6 ins. dia. bears S. 21° 16' E.

68 lks. dist., scribed 4 H E S 456 + B T.

A yellow pine 32 ins. dia. bears S. 88° E. 91

lks. dist., scribed 4 H E S 456 + B T.

Thence N. 46° 01' W.

Across open draw, fence on line.

1.10 Fence cor. Fence bears N. 31° W. Leave fence.

2.45 Arroyo 10 lks. wide, 1 ft. deep, course NE.

2.96 Cor. No. 5.

Identical with Cor. H-1 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 cor. Deposit a limestone 2 x 2 x 2 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 6 x 5 ins. chiseled + for the point and 5-H E S 456 on NE. face; raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

A yellow pine 6 ins. dia. bears S. 41° 55' E.

77 lks. dist., scribed 5 H E S 456 + B T.

A yellow pine 4 ins. dia. bears N. 26° 21' E.

47 lks. dist., scribed 5 H E S 456 + B T.

Thence N. 20° 39' E.

Over level land and edge of timber along foot of SE. slope.

.51 Fence bears N. 31° W. and S. 31° E.

5.00 Bend in arroyo, course NNE.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

13.50

Cor. No. 6.

Identical with Cor. H-2 of the list survey, which is a limestone 15 x 7 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 3 x 2 x 2 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 12 x 6 ins. chiseled + for the point and 6-H E S 456 on E. face; raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A yellow pine 26 ins. dia. bears S. 81° 58' W.

27 lks. dist., scribed 6 H E S 456 + B T.

A yellow pine 32 ins. dia. bears S. 2° 40' W.

35 lks. dist., scribed 6 H E S 456 + B T.

Thence N. 10° 24' E.

Along foot East slope and edge of timber.

11.00

Fence bears N. 60° W. and S. 60° E. Ascend 10 ft.

along East slope in open to cor.

15.24

Cor. No. 7.

Identical with Cor. H-3 of the list survey, which is a limestone 10 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 limestone 4 x 4 x 4 ins., marked with a + 14 ins. in the ground, over which set a limestone 24 x 6 x 4 ins. chiseled + for the point and 7-H E S 456 on E. face; raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:

A yellow pine 10 ins. dia. bears N. 66° 44' W.

54 lks. dist., scribed 7 H E S 456 + B T.

A yellow pine 18 ins. dia. bears N. 23° 39' W.

47 lks. dist., scribed 7 H E S 456 + B T.

Chains

Thence N. 47° 08' E.

Descend 20 ft. in open to bottom.

1.70 Fence N. 60° W. and S. 60° E. Bottom descent, thence along foot SE. slope in edge of timber.

6.00 Corral 40 ft. dia.

7.50 Leave edge of timber.

16.90 Bend in arroyo, course NNE.

21.50 Arroyo 15 lks. wide, 2 ft. deep, course N.

22.24 Cor. No. 8.

Identical with Cor. H-4 of the list survey, which is a sandstone 8 x 4 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 3 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 8-H E S 456 on SE. face; raise a mound of stone 3 ft. base, 2 ft. high SE. of cor., whence:

A yellow pine 26 ins. dia. bears S. 64° 00' W.

13 lks. dist., scribed 8 H E S 456 + B T.

A yellow pine 4 ins. dia. bears N. 55° 45' W.

53 lks. dist., scribed 8 H E S 456 + B T.

Thence N. 27° 35' E.

In open, along edge of bottom.

4.10 Arroyo 20 lks. wide, 2 ft. deep, course E.

7.44 Fence cor. Fence bears S. 30° E. and S. 32° W.

7.81 Cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 17.25 acres.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

IMPROVEMENTS

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

A log house 24 x 18 ft., the long side of which bears NE. and SW. and S. cor. of which bears N. 54° E. 2.59 chs. dist from Cor. No. 7.

Value - - - - - \$200.00

A pole corral 40 ft. dia. bears N. 47° E. 6.00 chs. dist. from cor. No. 7.

Value - - - - - \$ 25.00

There are approximately 1-1/2 miles of wire fence, mostly on outside of claim.

Value - - - - - \$175.00

DESCRIPTION

This claim lies in Fairchild Draw at an elevation of 7290 ft. The claim lies in a long open narrow portion of draw with heavily timbered flat top ridges to East and West. The general slope is to NNE.

Timber consists of approximately 3 acres of pine, aspen and young growth at central portion of East boundary and scattered mature and sapling yellow pine along boundary lines.

Soil in bottom is a sandy loam of fair depth, fertile and capable of producing crops. Soil on slope is rocky and non-agricultural.

There is no water for irrigation. Water for domestic use is obtained from Fairchild Draw.

I saw no indication of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H.E.S.

No. 458 of Stelzer Tillman is approximately 3/4 of a mile to East.

Winslow, Arizona, the nearest railroad, postoffice and commercial center is approximately 56 miles distant.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Ten miles is by trail, 11 miles fair wagon road and
35 miles is good wagon road.

TRAVERSE

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 11° 16' E.	5.15		5.05	1.01	
2-3	S. 41° 09' W.	26.61		20.04		17.51
3-4	S. 18° 29' W.	28.05		26.60		8.89
4-5	N. 46° 01' W.	2.96	2.06			2.13
5-6	N. 20° 39' E.	13.50	12.63		4.76	
6-7	N. 10° 24' E.	15.24	14.99		2.75	
7-8	N. 47° 08' E.	22.24	15.13		16.30	
8-1	N. 27° 35' E.	7.81	6.92		3.62	
		<u>121.56</u>	<u>51.73</u>	<u>51.69</u>	<u>28.44</u>	<u>28.53</u>
Error in Lat. and Dep.			<u>51.69</u>			<u>28.44</u>
			.04			.09

Closing error 1:1234

Survey completed June 17, 1916.

J. P. A. Johnson
Surveyor - Draftsman

FRANK LYONS SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Direct Solar at cor. No. 3, H. E. S. 456, of Frank Lyons, June 17, 1916.

Lat. 34° 29' 30" Long. 111° 04' 45" W. Elev. 7200 ft.

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	4h. 09m. 09s.	83° 55'	35° 25'	° +
Reversed	4h. 10m. 04s.	84° 25' 30"	35° 45'	+°
	4h. 09m. 36s.	84° 10' 15"	35° 35'	
			01'	
			35° 34'	

Decl. 23° 24' 10" N.

$$\text{Cos. } Q. = \frac{\text{Sin. } 23^\circ 24' 10''}{\text{Cos. } 34^\circ 29' 30'' \times \text{cos. } 35^\circ 34'}$$

$$\text{tan. } 34^\circ 29' 30'' \times \text{tan. } 35^\circ 34'$$

log. sin. 23° 24' 10" = 9.599001 ✓
 log. cos. 34° 29' 30" = 9.916037 ✓
 log. cos. 35° 34' = 9.910325 ✓
 $\frac{9.772639}{9.910325} = \text{log. } .59243$ ✓

log. tan. 34° 29' 30" = 9.836999 ✓
 log. tan. 35° 34' = 9.854336 ✓
 $\frac{9.691335}{9.854336} = \text{log. } .49128$ ✓

Cos. Q. = .10115 ✓
 Q. = 84° 11' 41" ✓

Bearing of reference object, N. 0° 01' 26" W. ✓

Direct Solar at cor. No. 3, H. E. S. 456, of Frank Lyons, June 17, 1916.

Lat. 34° 29' 30" N. Long. 111° 04' 45" W. Elev. 7200 ft.

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	4h. 11m. 13s.	83° 39' 00"	35° 00' 00"	° +
Reversed	4h. 12m. 02s.	84° 11' 00"	35° 20' 30"	+°
	4h. 11m. 37s.	83° 55' 00"	35° 10' 15"	
			01' 05"	
			35° 09' 10"	

Decl. 23° 24' 10" N.

$$\text{Cos. } Q. = \frac{\text{Sin. } 23^\circ 24' 10''}{\text{Cos. } 34^\circ 29' 30'' \times \text{cos. } 35^\circ 09' 10''}$$

$$\text{tan. } 34^\circ 29' 30'' \times \text{tan. } 35^\circ 09' 10''$$

log. sin. 23° 24' 10" = 9.599001 ✓
 log. cos. 34° 29' 30" = 9.916037 ✓
 log. cos. 35° 09' 10" = 9.912551 ✓
 $\frac{9.770413}{9.912551} = \text{log. } .58940$ ✓

log. tan. 34° 29' 30" = 9.836999 ✓
 log. tan. 35° 09' 10" = 9.847689 ✓
 $\frac{9.684688}{9.847689} = \text{log. } .48382$ ✓

Cos. Q. = .10558 ✓
 Q. = 83° 56' 22" ✓

Bearing of reference object, N. 0° 01' 22" W. ✓

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains

Chains	Telescope	Time	Angle	Vertical	Horizontal	Direct	Reversed	Log. tan.	Log. cos.	Log. sin.	Dist. to corner	Direct	Reversed
100.00	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	100.00	35° 28'	38° 38'
100.00	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	100.00	35° 28'	38° 38'
100.00	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	100.00	35° 28'	38° 38'
100.00	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	100.00	35° 28'	38° 38'
100.00	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	35° 28'	38° 38'	100.00	35° 28'	38° 38'

DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures, but put below them the corrected footing in red ink. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 456, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 11° 16' E.	5.15		5 05	1.01		55 97	282 65	282 65
2-3	S. 41° 09' W.	26.61		20 03 ⁰⁴	17 51 ⁴⁹		39 49	791 38	791 38
3-4	S. 18° 29' W.	28.05		26 60 ⁶¹	8 89 ⁸⁷		13 13	349 39	349 39
4-5	N. 46° 01' W.	2.96	2 06		77	4 39	2 13		4 39
5-6	N. 20° 39' E.	13.50	12 63 ⁶²		4 76	60 20	4 77		60 20
6-7	N. 10° 24' E.	15.24	14 99 ⁹⁸		2 75	184 25	12 30		184 25
7-8	N. 47° 08' E.	22.24	15 13 ¹²		16 30 ³²	474 47	31 38		474 47
8-1	N. 27° 35' E.	7.81	6 92		3 63 ⁶³	355 20	51 33		355 20
		121.56	51 73	51 68	28 44	1078 51		1423 42	1423 42
			51 70	51 70	38 49			1078 51	1078 51
								344 91	344 91
								17 25 Acres.	17 25 Acres.

107

EMH

APPROVAL

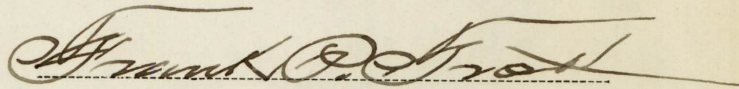
Office of the United States Surveyor General,

Phoenix, Arizona, August 3, 1917

The foregoing field notes of Homestead Entry Survey No.

456

executed by R. P. A. Johnson, Surveyor-Draftsman, [Forest Service Title.]
under his special instructions, dated April 17, 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.