

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

AUG. 2- 1917
MAY - 2 1918
NOV. 22 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 465

SITUATED IN THE SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 13 , unsurveyed, Township 12 N., Range 17 E.

In Section 23 , unsurveyed, Township 12 N., Range 17 E.

In Section 24 , unsurveyed, Township 12 N., Range 17 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicants for listing R. F. Jones and C. E. Owens,

Residence		Heber, Arizona	
Application No.	213 ✓	, dated	July 13 , 1910 ✓
Application No.	526 ✓	, dated	May 5 , 19 14 ✓
List No.	3-919 ✓	, dated	December 13 , 1910 ✓
List No.	3-3466 ✓	, dated	January 18 , 19 15 ✓

Applicant for survey Clarence E. Owens,

Residence		Heber, Arizona	
H. E. No.	025050 ✓	, dated	May 6 , 1914 ✓
H. E. No.	027204 ✓	, dated	July 7 , 1915 ✓
Office			
Land District		Phoenix, Arizona	

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

Under special instructions dated April 17 , 19 16

Survey commenced July 29 , 1916

Survey completed July 30 , 1916

Under Acts of June 11, 1906 and June 30, 1916

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. 465, 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. Newman, Chairman
Chester A. Lee, Chairman

Subscribed and sworn to before me this fourteenth day of August, 1916.
R.P.A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, R.P.A. Johnson, Surveyor Draftsman do solemnly swear that, in strict conformity with the special instructions 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 3-919, dated December 13, 1910 and List No. 3-3466, dated January 18, 1915, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 465, situated within the Sitgreaves National Forest, in UN surveyed Section 13, Township 12 N, Range 17 E, and UN surveyed Section 24, Township 12 N, Range 17 E, and UN surveyed Section 23, Township 12 N, Range 17 E

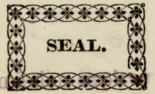
of the Gila and Salt River Base and meridian, Arizona, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated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

DISTRICT OF COLUMBIA
CITY OF WASHINGTON

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

Subscribed and sworn to before me this 9th day of March, 1917.

Sylvester L. McLaurin
Notary Public, D. C.



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicants for listing R. F. Jones and C. E. Owens; Applications No. 213 and 526, dated July 13, 1910 and May 5, 1914; Lists No. 3-919 and 3-3466, dated December 13, 1910 and January 18, 1915; H. E. Nos. 025050 and 027204, made in the Phoenix Land Office on May 6, 1914 and July 7, 1915 by Clarence E. Owens.

Surveyed under special instructions from the Surveyor General for Arizona, dated April 17, 1916 and designated as Homestead Entry Survey No. 465.

Situated in what will probably be, when surveyed, Secs. 13, 23 and 24, T. 12 N., R. 17 E., Gila and Salt River Base and Meridian, Sitgreaves National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and June 30, 1916.

Survey commenced July 29, 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.

July 29, 1916, a.m.

I observe the altitude of the sun for azimuth at cor. No. 7 of this survey, hereinafter described. The reading on the reference object 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. $34^{\circ} 26' 26''$ N., Long. $110^{\circ} 30' 50''$ W., from special instructions from the Surveyor General, and later verified.

SITGREAVES NATIONAL FOREST

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Chains	Telescope	Time	Horizontal Angle	Vertical Angle
	Direct	7h. 14m. 15s.	83° 02' 00"	23° 47' 00"
	Reversed	7h. 15m. 11s.	82° 35' 30"	23° 26' 00"
Bearing of reference object, N. 0° 03' 22" W.				

I again observe the altitude of the sun for azimuth at same station. The reading on the reference object is set at zero and the sun was observed in the upper left and lower right quadrants of the field.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	7h. 16m. 32s.	83° 20' 30"	24° 15' 00"
Reversed	7h. 17m. 29s.	82° 54' 30"	23° 54' 00"

Bearing of reference object, N. 0° 04' 13" W.

The mean of these two observations is N. 0° 03' 48" W.,

and to the corresponding meridian all the courses of this survey are referred.

July 29, 1916.

From cor. No. 1 of this survey, hereinafter described.

Thence S. 70° 16' 27" E.

By traverse which appears at the end of these notes.

48.56 1/4 sec. cor. bet. secs. 19 and 24, T. 12 N., Rs. 17 and 18 E., which is a sandstone 7 x 5 x 8 ins. marked 1/4 on West face, with mound of stone West of cor., whence:
A juniper, 4 ins. dia., bears N. 21° 15' E., .69 lks. dist., scribed 1/4 S 19 BT.

BOUNDARIES OF CLAIM

Beginning at cor. No. 1.

Identical with cor. E-2 of List 3-919, which is a sandstone 10 x 8 x 14 ins. above ground, marked and witnessed as described by the Forest Service. I destroy

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Chains

all trace of this list cor: Deposit a sandstone 4 x 4 x 2 ins. marked with a +; 14 ins. in the ground, over which set a sandstone 28 x 12 x 8 ins., chiseled + for the point and 1 - H E S 465 on NW. face; dig pits 24 x 24 x 12 ins. crosswise on claim lines 8 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high NW. of cor., whence:

A juniper, 5 ins. dia., bears N. 68° E., 412 lks. dist., scribed 1-H E S 465 + B T.

A juniper, 4 ins. dia., bears S. 75° E., 335 lks. dist., scribed 1 H E S 465 + B T.

1/4 sec. cor. bet. secs. 19 and 24, heretofore described, bears S. 70° 16' 27" E., 48.56 chs. dist., by traverse which appears at the end of these notes.

Lat. 34° 25' 53" N., Long. 110° 30' 44" W., from special instructions from the Surveyer General, and later verified.

Mag. decl. at 8:00 a.m., 14° 20' E. Mean mag. decl., 14° 16' E.

Thence N. 86° 55' W.

Across open draw, bears NNW. Fence on line.

6.30 Foot descent. Ascend 20 ft. to ridge in open.

12.65 Top ascent. Descend 20 ft. to cor.

26.78 To cor. No. 2.

Identical with cor. H-8 of List 3-3466, which is a sandstone 11 x 3 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 4 x 3 x 2 ins. marked with a +, 15 ins. in the

ground, over which set a sandstone 25 x 10 x 10 ins.,

chiseled + for the point and 2 - H E S 465 on NW. face;

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

of cor., whence:

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STATE OF ARIZONA

Chains

A yellow pine, 20 ins. dia., bears S. 44° 45' E.,
109 lks. dist., scribed 2 H E S 465 + B T.

A yellow pine, 20 ins. dia., bears S. 7° 30' W.,
117 lks. dist., scribed 2 H E S 465 + B T.

Cor. H-3 of List 3-919 and cor. H-1 of List 3-3466

which is a limestone 8 x 8 x 10 ins. above
ground, marked and witnessed as described by
the Forest Service, bears N. 86° 55' W., 2.83
chs. dist. I destroy all trace of this list

cor.

Cor. H-7 of List 3-3466, which is a sandstone

21 x 4 x 18 ins. above ground, marked and wit-
nessed as described by the Forest Service,
bears S. 13° 51' E., 9.44 chs. dist. I de-
stroy all trace of this list cor.

Thence S. 8° 19' E.

Leave List 3-919 and enter List 3-3466. Leave fence
and ascend 55 ft. to knoll in timber.

6.50 Top knoll. Descend 15 ft. along West slope to cor.

20.25 To cor. No. 3.

Identical with cor. H-6 of List 3-3466, which is a
granite stone 7 x 6 x 5 ins. above ground, marked and
witnessed as described by the Forest Service. I de-
stroy all trace of this-list cor. Deposit a sandstone
3 x 3 x 1 ins. marked with a +, 14 ins. in the ground,
over which set a sandstone 24 x 16 x 8 ins., chiseled
+ for the point and 3 - H E S 465 on NW. face; and raise
a mound of stone 3 ft. base, 2 ft. high NW. of cor.,
whence:

A yellow pine, 24 ins. dia., bears N. 43° 55' E.,
195 lks. dist., scribed 3 H E S 465 + B T.

A yellow pine, 8 ins. dia., bears N. 32° 44' W.,

SITGREAVES NATIONAL FOREST

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Chains

96 lks. dist., scribed 3 H E S 465 + B T.

Cor. H-5 of List 3-3466, which is a sandstone

9 x 4 x 16 ins. above ground, marked and witnessed as described by the Forest Service,

bears S. 83° 25' E., 12.16 chs. dist. I destroy all trace of this list cor.

Thence S. 78° 42' W.

Descend 35 ft. in open.

2.60 Foot descent. Thence over level land in scattered timber.

3.65 Arroyo, 15 lks. wide, 1 ft. deep, course NNW.

19.44 Pearce Wash, 100 lks. wide, 2 ft. deep, course N.

Ascend 20 ft. in open to cor.

28.70 To cor. No. 4.

Deposit a sandstone 7 x 4 x 3 ins. marked with a +, 20 ins. in the ground, over which set a sandstone 30 x 16 x 14 ins., chiseled + for the point and 4 - H E S 465 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

A yellow pine, 20 ins. dia., bears S. 54° 17' E., 18 lks. dist., scribed 4 H E S 465 + B T.

A yellow pine, 22 ins. dia., bears S. 55° 58' W., 60 lks. dist., scribed 4 H E S 465 + B T.

Cor. H-4 of List 3-3466, which is a yellow pine

11 ins. dia., marked and witnessed as described by the Forest Service, bears S. 57° 30' E.,

4.28 chs. dist. I destroy all trace of this list cor.

Cor. H-3 of List 3-3466, which is a sandstone

17 x 5 x 8 ins. above ground, marked and witnessed as described by the Forest Service,

bears S. 46° W., 3.32 chs. dist. I destroy all trace of this list cor.

Chains	<p>Cor. No. 1, H. E. S., 464, which is a sandstone 12 x 8 x 10 ins. above ground, marked 1 - H E S 464 on W. face, bears S. 12° 15' E., 10.66 chs. dist., by direct measurement. July 29, 1916.</p> <hr/> <p>July 30, 1916.</p> <p>Thence N. 36° 42' E.</p> <p>Ascend 10 ft. to spur in scattered timber.</p> <p>1.80 Top spur, bears E. and W. Descend 30 ft. to arroyo.</p> <p>6.10 Arroyo, 40 lks. wide, 2 ft. deep, course ESE. Ascend 25. ft. to ridge in scattered timber.</p> <p>15.40 Top ridge bears E. and W. Descend 25 ft. to arroyo.</p> <p>17.90 Arroyo, 10 lks. wide, 1 ft. deep, course E. Ascend 25 ft. to ridge in scattered timber.</p> <p>21.80 Top ridge bears E. and W. Descend 30 ft. to arroyo.</p> <p>31.00 Arroyo, 10 lks. wide, 1 ft. deep, course E. Ascend 30-ft. along East slope in scattered timber.</p> <p>41.30 Top ascent. Descend 20 ft. to cor. along East slope in scattered timber.</p> <p>46.00 Telephone line, bears NNE. and SSW.</p> <p>48.22 To cor. No. 5.</p> <p>Deposit a sandstone 5 x 5 x 1 ins. marked with a +, 16 ins. in the ground, over which set a sandstone 26 x 8 x 8 ins., chiseled + for the point and 5 - H E S 465 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor., whence:</p> <p>A yellow pine, 9 ins. dia., bears N. 33° 35' W., 102 lks. dist., scribed 5 H E S 465 + B T.</p> <p>A yellow pine, 22 ins. dia., bears N. 30° 22' E., 128 lks. dist., scribed 5 H E S 465 + B T.</p> <p>Cor. H-4 of List 3-919, which is a sandstone 12 x 6 x 16 ins. above ground, marked and</p>
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Chains

witnessed as described by the Forest Service,
bears S. 1° 30' E., 5.10 chs. dist. I de-
stroy all trace of this list cor.

Cor. H-2 of List 3-3466, which is a limestone
8 x 7 x 16 ins. above ground, marked and
witnessed as described by the Forest Service,
bears S. 35° 12' W., 17.35 chs. dist. I de-
stroy all trace of this list cor.

Thence N. 2° 46' E.

Descend 15 ft. to wash. Fence on line.

2.30 Telephone line bears NNE. and SSW. Enter Pearce Wash,
banks 2 ft. high, course N.

8.50 Leave Wash, banks 3 ft. high, course NE. Ascend 15 ft.
to cor. in open.

34.86 To cor. No. 6.

Deposit a limestone 4 x 3 x 2 ins. marked with a +, 18
ins. in the ground, over which set a limestone 28 x 10
x 8 ins., chiseled + for the point and 6 - H E S 465 on
SE. face; and raise a mound of stone 3 ft. base, 2 ft.
high SE. of cor., whence:

A pinon, 4 ins. dia., bears N. 74° E., 110 lks.
dist., scribed 6 H E S 465 + BT.

A yellow pine, 10 ins. dia., bears N. 13° 05' E.,
323 lks. dist., scribed 6 H E S 465 + B T.

Cor. H-5 of List 3-919, which is a yellow pine,
18 ins. dia., marked and witnessed as described
by the Forest Service, bears South, 3 lks.
I destroy all trace of this list cor.

Thence N. 81° 00' E.

Descend 20 ft. in open to wash. Fence on line.

5.40 Telephone line bears N. and S.

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Chains

5.48 Pearce Wash, 200 lks. wide, banks 3 ft. high, course N.
Ascend 10 ft. in open to cor.

14.20 Road bears NW. and SE.

14.72 To cor. No. 7.

Identical with cor. H-1 of List 3-919, which is a sandstone 5 x 4 x 1 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and mark same stone with a + on top for point and 7 - H E S 465, on SW. face for cor. No. 7 of this survey; and raise a mound of stone 3 ft. base, 2 ft. high SW. of cor., whence:

A yellow pine, 12 ins. dia., bears N. 29° 42' E.,
51 lks. dist., scribed 7 H E S 465 + B T.

A yellow pine, 9 ins. dia., bears N. 3° 12' W.,
78 lks. dist., scribed 7 H E S 465 + B T.

Cor. No. 4, H. E. S. 451, which is a sandstone
9 x 8 x 10 ins. above ground, marked 4 - H E S
451 on NE. face, bears N. 71° 09' W., 12.69
chs. dist., by direct measurement.

Thence S. 7° 43' E.

Over open level land. Fence on line.

1.70 Road bears NW. and SE.

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

AREA

Total Area - - - - - 138.31 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 NW. and SE. and the NE. cor. of which bears

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Chains	S. 54° 25' W., 5.14 chs. dist. from cor. No. 7. Value ----- \$300.00
	A log house, 24 x 16 ft., the long side of which bears NW. and SE. and the NE. cor. of which bears S. 49° 24' W., 5.16 chs. dist. from cor. No. 7. Value ----- \$200.00
	An outhouse, 8 x 8 ft., the NE. cor. of which bears S. 22° 28' W., 2.90 chs. dist. from cor. No. 7. Value ----- \$25.00
	A corral, 50 ft. dia., bears S. 6° E., 7.00 chs. dist. from cor. No. 7. Value ----- \$50.00
	There are approximately 2 miles of wire fence. Value ----- \$225.00

DESCRIPTION

This claim lies along Pearce Wash at an elevation of 6300 ft. and has a general slope to the N. The claim consists of open bottom land extending on to timbered slopes along SE. and SW. boundary lines.

The timber consists of scattered yellow pine and occurs over most of SW. portion of claim.

The soil is a sandy loam of good depth and produces good crops.

There is no water for irrigation. Water for domestic use is obtained from holes in Pearce Wash.

There are approximately 20 acres in cultivation.

I saw no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims. H. E. S. 451 of Lewis Freeman lies approximately 1/16 of a mile to N. and H. E. S. 464 of T. M. Turner, lies approxi-

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Chains approximately 1/8 of a mile to SW.
Heber, Arizona, the nearest post office, is 8 miles to West, and Holbrook, Arizona, the nearest railroad point is 40 miles NE. Both are reached by good wagon roads.

----- TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	N. 86° 55' W.	26.78	1.44			26.74
2-3	S. 8° 19' E.	20.25		20.04	2.93	
3-4	S. 78° 42' W.	28.70		5.62		28.14
4-5	N. 36° 42' E.	48.22	38.66		28.82	
5-6	N. 2° 46' E.	34.86	34.82		1.68	
6-7	N. 81° 00' E.	14.72	2.30		14.54	
7-1	S. 7° 43' E.	52.02		51.55	6.98	
		225.55	77.22	77.21	54.95	54.88
			77.21		54.88	
Error in Lat. and Dep.			.01		.07	

Closing error, 1:3190.

Survey completed July 30, 1916.

The changes made in simplifying unduly crooked bdy.

lines of Lists 3-919 and 3-3466 were done with the entryman's consent.

R. L. Johnson

Surveyer - Draftsman

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

Direct Solar, July 29, 1916, at cor. No. 7.

Lat. 34° 26' 26" N., Long. 110° 30' 50" W., Elev. 6300 ft.

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	7h. 14m. 15s.	83° 02' 00"	23° 47' 00"	+
Reversed	7h. 15m. 11s.	82° 35' 30"	23° 26' 00"	+
	7h. 14m. 43s.	82° 48' 45"	23° 36' 30"	
			01' 47"	
			23° 34' 43"	

Decl., 18° 45' 19" N.

$$\text{Cos. Q.} = \frac{\sin. 18^\circ 45' 19''}{\cos. 34^\circ 26' 26'' \times \cos. 23^\circ 34' 43''}$$

$$\tan. 34^\circ 26' 26'' \times \tan. 23^\circ 34' 43''$$

log. sin. 18° 45' 19"	=	9.507216	
log. cos. 34° 26' 26"	=	9.916303	
log. cos. 23° 34' 43"	=	9.962138	
		9.628775	= log. .42538
log. tan. 34° 26' 26"	=	9.836169	
log. tan. 23° 34' 43"	=	9.639929	
		9.476098	= log. .29929

$$\text{Cos. Q.} = .12609$$

$$\text{Q.} = 82^\circ 45' 23''$$

Bearing of reference object, N. 0° 03' 22" W.

(2)

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	7h. 16m. 32s.	83° 20' 30"	24° 15' 00"	+
Reversed	7h. 17m. 29s.	82° 54' 30"	23° 54' 00"	+
	7h. 17m. 00s.	83° 07' 30"	24° 04' 30"	
			01' 45"	
			24° 02' 45"	

Decl., 18° 45' 17" N.

$$\text{Cos. Q.} = \frac{\sin. 18^\circ 45' 17'' \text{ N.}}{\cos. 34^\circ 26' 26'' \times \cos. 24^\circ 02' 45''}$$

$$\tan. 34^\circ 26' 26'' \times \tan. 24^\circ 02' 45''$$

log. sin. 18° 45' 17"	=	9.507204	
log. cos. 34° 26' 26"	=	9.916303	
log. cos. 24° 02' 45"	=	9.960575	
		9.630326	= log. .42690
log. tan. 34° 26' 26"	=	9.836169	
log. tan. 24° 02' 45"	=	9.649517	
		9.485686	= log. .30598

$$\text{Cos. Q.} = .12092$$

$$\text{Q.} = 83^\circ 03' 17''$$

Bearing of reference object, N. 0° 04' 13" W.

DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines. 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.

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. 465, STATE OF ARIZONA.

8-5340

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
1-2	N. 86° 55' W.	26.78	1 44		26 74	75	77 21	111 18		
2-3	S. 8° 19' E.	20.25		20 04	2 93		53 38		1069 74	
3-4	S. 78° 42' W.	28.70		5 62	81	15	28 15		158 20	
4-5	N. 36° 42' E.	48.22	38 66		28 82		28 81	1113 79		
5-6	N. 2° 46' E.	34.86	34 82		1 68		59 29	2064 48		
6-7	N. 81° 00' E.	14.72	2 30	56	14 54		75 50	173 65		
7-1	S. 7° 43' E.	52.02		51 55	6 98		97 00		5001 32	
		225.55	77 22	77 21	54 95	54 88		3463 10		6229 26
			77 22	77 22	54 90	54 90		3463 10		3463 10
	Closing error, 1:3190.								20/2766 16	138.31 Acres.
No. 1-TP	S. 72° 47' E.	28.94								
TP-TP	S. 59° 07' E.	14.64								
TP-TP	S. 81° 46' E.	4.00								
TP-1/4	N. 80° 30' E.	1.57								
			26		1 55					
			26	16 65	45 71					
				26						
			16 39							

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EMH

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, *May 22*, 1918

The foregoing field notes of Homestead Entry Survey No.

465

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.

Frank P. Trott

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.