

115
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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 225

SITUATED IN THE

APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 4, unsurveyed, Township 3 S., Range 29 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Lee C. Daves, Surveyor - Forest Service
and Charles D. Hodson, Surveyor - Draftsman
Under special instructions dated August 6, 1914 and
Supplemental special instructions dated June 28, 1916
Survey commenced December 14, 1914
Survey completed November 11, 1916
Under Acts of June 11, 1906, June 30, 1914 and August 11, 1916

Applicant for listing E. E. Frye.

Residence Metcalf, Arizona.

Application No. 126, dated August 18, 1910

List No. 3-1368, dated September 12, 1911

Applicant for survey E. E. Frye.

Residence Metcalf, Arizona

H. E. No. 018378, dated July 5, 1912

Office

Land district Phoenix, Arizona

718 291 20 10 5
m 64-120

OATH OF ASSISTANTS

We hereby certify that we assisted Lee C. Daves,
Surveyor - Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 225, in
unsurveyed Section 4, Township 3 S., Range 29 E.,
unsurveyed Section - - -, Township - - -, Range - - -,

of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey has been in all respects, to the best of our knowledge
and belief, well and faithfully surveyed, and the corner
monuments established, according to the instructions fur-
nished by the United States Surveyor General for Arizona.

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

Wm. Williams, Chairman

Fred Turley, Chairman

Subscribed and sworn to before me this 6th day of
February, 1915.

Lee Daves

Surveyor - Forest service

OATH OF SURVEYOR

I, Lee C. Daves, Surveyor-Forest Service do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
August 6, 1914, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List, No. 3-1368 dated September 12, 1911, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 225,
situated within the APACHE National Forest, in
unsurveyed Section 4, Township 3 S., Range 29 E., and
unsurveyed Section - - -, Township - - -, Range - - -,

of the G. & S.R.B. & meridian, Arizona, and the
related retracements and resurveys and section subdivisions,
which are represented in the following field notes as having
been surveyed by me; and I further solemnly swear that all
the corners of said survey have been established and perpet-
uated in strict accordance with the stated special instruc-
tions, and in the specific manner described in the field
notes, and that the following are the original field notes
of such survey.

Lee Daves

Surveyor - Forest Service

Subscribed and sworn to before me this 15th day of

December, 1916.

Elise C. Meyer
Mary Rubin



U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township , Range

of the

Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land District

Survey executed by

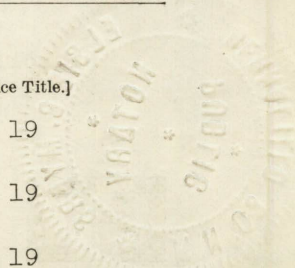
[Forest Service Title.]

Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of



118

OATH OF ASSISTANTS

We hereby certify that we assisted **Charles D. Hodson**
Surveyor - Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **225**, 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.

Ferry P Lewis, Chairman
J Wharejo, Chairman

Subscribed and sworn to before me this **11th** day of

Nov 11

November, 19**16**

Charles D Hodson

Surveyor - Draftsman

OATH OF SURVEYOR

I, **Charles D. Hodson**, **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
June 28, 19**16**, 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. **3-1368**, dated **September 12, 1911**, for
Patent, under the Act of **June 11**, 19**06**,
the same to be known as Homestead Entry Survey No. **225**,
situated within the **APACHE** National Forest, in
unsurveyed Section 4, Township **3 S.**, Range **29 E.**, and
---surveyed Section - - - -, Township **- - - -**, Range **- - - -**,

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

Charles D Hodson

Surveyor - Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this **15th** day of

December, 19**16**

Chas C Myers
Notary Public



8-2349

119

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, E. E. Frye; Application No. 126,
dated August 18, 1910; List No. 3-1368, dated Septem-
ber 12, 1911; H. E. No. 018378, made at Phoenix, Ari-
zona by E. E. Frye, dated July 5, 1912.

Surveyed under special instructions from the Surveyor
General for Arizona, dated August 6, 1914, and desig-
nated as Homestead Entry Survey No. 225.

Situated in unsurveyed T. 3 S., R. 29 E., in what will
probably be Section 4, when surveyed, Gila and Salt
River Base and Meridian, within the Apache National
Forest, Arizona.

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

Survey commenced December 14, 1914 and executed with
Buff and Buff transit No. 9702, with Smith solar at-
tachment.

Preliminary to beginning the survey, I examine the ad-
justments of the transit and make the necessary cor-
rections.

No stadia used.

Azimuth carried around the survey by transit line.

Solar apparatus not tested.

Measurements made with a 400 link steel tape directly on
the slopes, which were determined by clinometers and
the distances reduced to the horizontal.

December 14, 1914.

At cor. No. 1 of this survey, in Latitude 33° 12' 20" N.,
from observation, and Longitude 109° 20' 32" W., from
special instructions from the Surveyor General, at lh.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains 57m. a.m., l.m.t., I observe Polaris at Western elongation, and mark the direction thus determined by a tack in a stake firmly driven in the ground about 10.00 chs. Northwardly of my station.

At 7h. 30m. a.m., I turn off the azimuth of Polaris $1^{\circ} 22'$ E., and mark the meridian thus determined by a tack in a stake East of the point established last night.

December 14, 1914.

At cor. No. 1 of this survey. Identical with cor. No. 2 of list survey, which is a basalt stone, 12 x 8 x 7 ins., marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a basalt stone

34 x 14 x 10 ins. on solid rock in a mound of stones, marked 1 - H E S 225 on SW. face and (+) on top, from which:

A pinon, 6 ins. dia., bears S. 6° W., 41 lks.

dist., marked 1 H E S 225 B T.

A pinon, 6 ins. dia., bears S. $62^{\circ} 30'$ E., 20

lks. dist., marked 1 H E S 225 B T.

Latitude $33^{\circ} 12' 20''$ N., Longitude $109^{\circ} 20' 32''$ W., from special instructions from the Surveyor General.

At cor. No. 1 of this survey the mag. var. at 8:00 a.m. is $13^{\circ} 25'$ E., which gives a mean mag. var. of $13^{\circ} 24'$ E.

Lee C. Daves.

December 14, 1914.

On November 10, 1916, I, Charles D. Hodson, Surveyor - Draftsman, with Ferry D. Lewis and J. W. Carrejo Assistants, return to this claim, under supplemental special

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains instructions from the Surveyor General, dated June 28, 1916, and run a tie from cor. No. 1 of this survey to U. S. L. M. No. 226 H. E. S.

I test the adjustments of my Buff and Buff transit No. 9700-6 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.

November 10, 1916.

At U. S. L. M. No. 225 H. E. S., hereinafter described, at 6h. 00m. p.m., l.m.t., I observe Polaris with telescope direct and mark the line of sight with a cross on a rock 3 chs. North of my Station. Latitude $33^{\circ} 12' 21''$ N., Long. $109^{\circ} 20' 33''$ W., from special instructions from the Surveyor General.

At 6h. 02m. 30s. p.m., l.m.t., I again observe Polaris with telescope reversed and mark the line of sight with a cross on a rock 3 chs. North of my station.

(1)

Greenwich m.t. U.C. Pol., November 10, 1916,	10h. 12.2m.
Correction for Long.,	<u>01.2m.</u>
l.m.t. obsn., November 10, 1916,	10h. 11.0m.
	<u>6h. 00.0m.</u>
Hour angle and time argument,	4h. 11.0m.
Azimuth Polaris at obsn., $1^{\circ} 12' 36''$ E.	

(2)

Greenwich m.t. U.C. Pol., November 10, 1916,	10h. 12.2m.
Correction for Long.,	<u>01.2m.</u>
l.m.t. obsn.,	10h. 11.0m.
	<u>6h. 02.5m.</u>
Hour angle and time argument,	4h. 08.5m.
Azimuth Polaris at obsn., $1^{\circ} 12' 12''$ E.	

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

November 11, 1916.

At 7h. 00m. a.m., l.m.t., I lay off 1° 12' .30" to the West of my line of sight from last night's (1st.) obsn. and mark the meridian thus determined with a tack in a stake set firmly in the ground 3.00 chs. North of my station.

I also turn off 1° 12' 00" to the West of my line of sight of last night's (2nd.) obsn., and mark the meridian thus determined by a tack in the stake 3.00 chs. North of my station. The latter of the two points falls 3/8 in. East of the former. I mark the mean of the two obsns. for the meridian.

From cor. No. 1, heretofore described, U. S. L. M. No.

226 H. E. S., a granite stone 14. x 7 x 6 ins. above a mound of stone 3-1/2 ft. base, .20 ins. high, marked + on top and U S L M No 226 H E S on N. face, with mound of stone 6 ft. base, .4 ft. high, West of Monument, bears N. 27° 49' 30" E., 63.84 chs., by traverse which appears at the end of these notes.

U. S. L. M. No. 225 H. E. S., which is a + and U S L M

225 H E S chiseled on a table rock 10 x 12 x 8 ft. above ground, with mound of stone North of Monument, bears N. 59° 10' W., 3.33 chs. dist. I destroy U. S. L. M. No. 225 H. E. S. and its witnesses.

Charles D. Hodson.

November 11, 1916

Lee C. Daves

December 14, 1914.

From cor. No. 1.

Thence South.

Ascend along steep E. slope, through brush and scrub

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains timber. 2,20 Top of ascent on E. slope, 30 ft. above cor. No. 1.
Descend 450 ft.
25.00 To cor. No. 2.
Identical with list cor. No. 1 which is a granite stone 11 x 9 x 7 ins., marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a sandstone 24 x 13 x 11 ins. 4 ins. in the ground, on solid rock, in a mound of stones, marked 2 - H E S 225 on NW. face and (+) on top; and raise a mound of stones 4 ft. base, 2 ft. high, NW.

of cor., from which:

Walker's Butte bears S. 78° 08' E., about 3-1/2 miles dist.

Hell Hole Peak bears S. 50° 23' E., about 25 miles dist.

No bearings available. Pits impracticable.

This cor. is situated on the South slope of high spur ridge and is about 260 lks. North of Cave Creek.

Thence West.

Descend into Cave Creek.

4.10 Bottom Cave Creek, running water 3 lks. wide, course S. 70° E. Ascend along N. slope.

6.90 Trail bears N. 70° W. to Frye's ranch and S. 70° E. to Metcalf.

30.00 To cor. No. 3.
Set a red sandstone 26 x 14 x 8 ins., .6 ins. in the ground on solid rock, marked 3 - H E S 225 on the NE. face and (+) on top, from which:

Chains

A pinon, 6 ins. dia., bears East 1 lk. dist., marked 3 H E S 225 B T.

A pinon, 9 ins. dia., bears N. 20° 30' E., 102 lks. dist., marked 3 H E S 225 B T.

List cor. No. 4, which is a granite stone 9 x 8 x 6 ins., marked and witnessed as described by the Forest Service, bears N. 3° E., 2 lks. dist. I destroy all trace of this cor.

This cor. is about 500 ft. above cor. No. 2.

At cor. No. 3 of this survey, I observe the sun at local apparent noon for latitude, with telescope direct and reversed. Readings taken upon the upper and lower limbs.

Apparent latitude (Sun's Center)	33° 36.5'
Refraction (corr. for Barm. & Therm.)	<u>01.1'</u>
True altitude,	33° 35.4'
Sun's South declination,	<u>23° 12.5'</u>
	56° 47.9'
	<u>90° 00.0'</u>

Latitude, 33° 12.1' N.

Thence North.

Descend N. slope through gambel oak and second growth locust.

7.00 Bottom dry arroyo, 340 ft. below cor. No. 3, 20 lks. wide, course E. Ascend.

15.00 Top on E. point, 75 ft. above arroyo. Descend.

18.50 Bottom in deep gulch, 5 lks. wide, course SE., 50 ft. below 15 chain point. Ascend steep and rocky S. slope.

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains
25.00

To cor. No. 4.

Identical with list cor. No. 3, which is a granite stone 14 x 9 x 5 ins., marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point set a red granite stone 24 x 16 x 10 ins. on solid rock in a mound of stones, marked 4 - H E S 225 on the SE. face and (+) on top, from which:

A juniper, 10 ins. dia., bears S. 15° 15' E., 122 lks. dist., marked 4 H E S 225 B T.

A juniper, 14 ins. dia., bears S. 6° W., 77 lks. dist., marked 4 H E S 225 B T.

This cor. is on steep S. slope 300 ft. above bottom of gulch.

Thence S. 89° 59' E.

Ascend along steep and rocky slope.

6.00 Top, 40 ft. above cor. No. 4. Descend along side hill.

13.00 Bottom, 200 ft. desc. Head of Cave Creek, 3 lks. wide, course S. Ascend 150 ft.

27.62 Top on high narrow spur ridge, course NW. and SE.

Descend abrupt 40 ft.

29.96 To cor. No. 1, the point of beginning.

AREA

Total Area - - - - - 74.95 acres

IMPROVEMENTS

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

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains A two room frame dwelling, 27 ft. NW. and SE. by 39 ft.
NE. and SW., the SE. cor. of which bears from cor. No.
2 N. 69° W., 10.09 chs. dist.
Value ----- \$100.00

A chicken coop, 25 ft. N. and S. by 10 ft. E. and W.,
the SE. cor. of which bears N. 59° 10' W., 10.70 chs.
from cor. No. 2.
Value ----- \$ 20.00

A chicken coop, 25 ft. N. and S. by 10 ft. E. and W.,
the NE. cor. of which bears N. 72° 30' W., 11.00 chs.
from cor. No. 2.
Value ----- \$ 20.00

Chicken wire fencing around yard on the N. and W. of the
house.
Value ----- \$ 60.00

An orchard of 50 peach trees and 10 apple trees on the
East side of the house.
Value ----- \$200.00

DESCRIPTION

This claim is situated at the head of Cave Creek. The
land slopes to the East.

The claim is covered with scattering juniper and gambel
oak. This timber is scrubby and of no value except
as fire wood. There is no timber of any value in
this vicinity.

The slopes are steep and rocky, with little or no soil.
About ten acres near the house could be cultivated.

About five acres are under cultivation and chicken
yards.

Just North of the house in Cave Creek is a spring which

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

has a flow of about 70 gallons per hour.

The only indication of mineral is a slight copper stain on rocks in several places. This vicinity has been prospected for a number of years.

The claim is about 9 miles North of Metcalf, the nearest post office.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	South	25.00		25.00		
2-3	West	30.00				30.00
3-4	North	25.00	25.00			
4-1	S. 89° 59' E.	29.96		0.01	29.96	
		<u>109.96</u>	25.00	25.01	29.96	30.00
Error in Lat. and Dep.				<u>25.00</u>	<u>29.96</u>	<u>29.96</u>
				.01		.04

Closing error, 1:2682.

Survey completed November 11, 1916.

Luc Danes

Surveyor - Forest Service

Charles D. Hockou

Surveyor - Draftsman

128

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF ARIZONA

Chains

The only indication of mineral is a slight copper stain on rocks in several places. This vicinity has been prospected for a number of years. The claim is about 9 miles North of Mottville, the nearest post office.

TRAVELERS

Cor.	Course	Dist.	N	S	E	W
1-2	South	25.00		25.00		
2-2	West	30.00			30.00	
3-4	North	25.00		25.00		
4-1	3. 89° 59' E.	25.95	25.95	0.01	25.95	
		109.95	25.00	25.01	25.95	30.00
Error in lat. and dep.			0.01	25.00	25.95	

Closing error, 1:2522.
Survey completed November 11, 1916.

Surveyor - Forest Service

Surveyor - Partisan

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

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

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

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 225, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	South	25.00		25 00		98	0 00		
	West	30.00			30 00		29 98		
	North	25.00	25 00				59 96	1499 00	
	S. 89° 59' E.	29.96		0 01	98		29 98		
		109.96	25 00	25 01	29 96	30 00		20/1499 00	
	Closing error, 1:2682.		25 00	25 00	29 98			74 95 Acres.	

ACCOUNTS	DEBITING	CREDITING	BALANCES		DEBITORS		CREDITORS		DOUBLE ENTRIES	STATE OF	DATE
			Money	Count	Even	Odd	Even	Odd			
DISBURSEMENTS	100.00		100.00	00	00	00	00				
REVENUES		100.00		00	00	00	00				
EXPENSES	50.00		50.00	00	00	00	00				
ASSETS				50.00	00	00	00				
LIABILITIES					50.00	00	00				
TOTAL	150.00	150.00	150.00	00	00	150.00	00				

STATE OF MISSOURI
 DEPARTMENT OF REVENUE
 RECEIPTS AND DISBURSEMENTS OF THE STATE

For the month of _____ 19__

By _____

By _____

1. This receipt is not valid unless countersigned by the Controller.
 2. The amount of receipts must be entered in full.
 3. The Controller is not responsible for the amount of the receipts if the receipt is not countersigned by the Controller.
 4. The Controller is not responsible for the amount of the receipts if the receipt is not countersigned by the Controller.

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

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

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

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 225, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
		Tie from cor.	No. 1	to U. S.	L. M. No. 226	H. E. S.			
	N. 59° 10' W.	3.33	1 71			2 86			
	N. 30° 49' E.	63.75	54 75		32 66				
			56 46	0 00	32 66	2 86			
			0 00		2 86				
			56 46		29 80				
	N. 27° 49' 30" E.	63.84 chs.							

131

132

CORPSES	BEYKING	DISTANCE	MILEAGE		DEVELOPERS		STATE OF	M. VEEVA	S. VEEVA
			WORK	SOON	EVER	MAP			
M. SAC 48, 30, E. 03, 84 088			28 48	0 00	28 48	33 80			
			0 00	0 00	0 00	33 80			
M. 30, 48, E. 03, 84			28 48	0 00	28 48	33 80			
M. 28, 10, E. 03, 84			17 41			33 80			
		THE FLOW COL. NO. J TO D. S. T. M. NO. 532 E. H. 2.							

TRAVELING AND CALCULATIONS OF HOMELEAD EMPLOY SUBVEX NO. 532 STATE OF ALABAMA

4. Only those copies of the application are necessary for the District Office, the Director General, and the Commission.
 5. In calculations of mileage this should be treated as 100% in calculations of 2, and 2, unless they all exist, second question.
 6. Do not charge for mileage unless the road is shown in the map.
 7. Do not charge for mileage unless the road is shown in the map.
 8. Do not charge for mileage unless the road is shown in the map.
 9. Do not charge for mileage unless the road is shown in the map.
 10. Do not charge for mileage unless the road is shown in the map.

APPROVAL

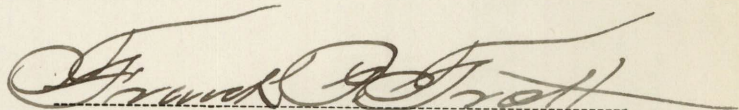
Office of the United States Surveyor General,

Phoenix, Arizona, April 2 , 1917.

The foregoing field notes of Homestead Entry Survey No.

225

executed by Lee C. Daves, Surveyor Forest Service and
Charles D. Hodson, Surveyor-Draftsman, [Forest Service Title.]
under his special instructions, dated August 6, 1914 having
and supplemental instructions dated June 28, 1916,
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.