Form 85 Sheet No. 1 (Revised July 1, 1914.)

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ORIGINAL

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

DEC. 16. 1918

19

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 322
SITUATED IN THE PRESCOTT NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 4, unsurveyed, Township 11 N., Range 5 E.
In Section 8, unsurveyed, Township 11 N., Range 5 E.
In Section 9, unsurveyed, Township 11 N., Range 5 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing J. R. Alexander	
Residence Mayer, Ari	zona
Application No. 107 \checkmark , dated	December 13 , 1911
List No. 3-2499 , dated	April 24 , 19 13
Applicant for survey J. R. Alexander	•
Residence Mayer, Art	izona.
H. E. No. 023205 , dated Office, Land District Phoenix, Arizona.	September 16 , 1913
Survey executed by R. P. A. Johnson,	Surveyor - Draftsman [Forest Service Title.]
Under special instructions dated	February 11 , 1915
Survey commenced	April 14 , 1915
Survey completed	April 14 , 1915

June 11, 1906 and June 30, 1914.

Under Acts of

8-2349

We hereby certify that we assisted Surveyor - Draftsman [Forest Service Title.] R. P. A. Johnson,

in surveying all those

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parts or portions of Homestead Entry Survey No. **322**, 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.

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oce Chainman M/, Chainman

Subscribed and sworn to before me this lovent

may . 19 15.

OATH OF SURVEYOR

I, R. P. A. Johnson, Surve

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 February 11 , 1915 , 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 , N	o. 3-2499 , dated April 24 , 1913 , for	
Patent	, under the Act of June 11 , 196,	
the same to be known as	Homestead Entry Survey No. 322 ,	
situated within the	PRESCOTT National Forest, in	
	4 , Township 11 N. , Range 5 E. , and	
-unsurveyed Section	8, Township -11 N , Range5 E and	L
unsurveyed Section	9 , Township 11 N. , Range 5 E.	

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 survey.

mor 101 Forest Service Title. day of

Subscribed and sworn to before me this

, 19/5.



UNITED STATES GOVERNMENT Memorandum LO:BTR 9182.2

69.9-66

TO : Chief, Division of Engineering, Arizona DATE: September 9, 1966

FROM : Chief, Branch of Title & Records, Arizona Land Office

SUBJECT: Correction of Location of HES 321, 322, 323 on Protraction Diagram No. 54

The field notes and plats for the subject surveys show that the lands involved are located in, what will be when surveyed, secs. 2, 4, 8, and 9, T. 11 N., R. 5 E. The protraction diagram shows them to be in secs. 19, 20, 21, and 22, said township and range.

Please check the above and advise this office of your findings so that corrections may be made where appropriate and our status records will show the proper information.

ese t/E



HOMESTEAD ENTRY SURVEY NO. 322

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8-2349

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains '	Applicant for listing, J. R. Alexander; Application No. 107, dated December 13, 1911; List No. 3-2499, dated April 24, 1913; H. E. No. 023205, made at Phoenix,
	Arizona, by J. R. Alexander, dated September 16, 1913. Surveyed under special instructions from the Surveyor General for Arizona, dated February 11, 1915, and de-
10 293	signated as Homestead Entry Survey No. 322. Situated in unsurveyed T. 11 N., R. 5 E., in what will probably be, when surveyed, Secs. 4, 8 and 9, Gila and Salt River Base and Meridian, Prescott National Forest,
- 4 -	Arizona. Surveyed under the Acts of June 11, 1906 and June 30, 1914.
.selb . 108	Survey commenced April 14, 1915 and executed with a Buff and Buff transit.
• • • • • •	I test the adjustments of the transit and make necessary corrections. All measurements were made on the slope with a 500 link
	steel tape and the slope angles determined with a cli- nometer.
	April 14, 1915.
	At 9h. 37.8m. a.m., l.m.t., I observe the altitude of
	the sun for azimuth at cor. No. 1. The reading is
	set at zero on meridian brought from H. E. S. 321, which was established by observations on Polaris April 12,
	1915 and checked by direct solar observation on April
	15, 1915. The sun was observed in the lower left
	and upper right quadrants of the field. My watch is
	set for local mean time. Latitude, 34° 20' N., by
	account from observation on H. E. S. No. 321. Longi- tude, 111° 52' W., from special instructions of Sur-
	veyor General.

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HOMESTEAD ENTRY SURVEY NO. 322

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

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Form 85 Sheet No. 2

		ARTINONA.	
	Chains	Telescope l.m.t. Horizontal Vertical Angle Angle	
	Dødist	Direct 9h. 37m. 20s. 60° 08' 30" 49° 18' 30"	
		Reversed 9h. 38m. 16s. 60° 43' 00" 48° 55' 30"	-
	.SIPI,	Bearing of object N. 0° 00' 17" W.	
	33'OT	Burveyed under apebiel instructions from the dire	
	-60 pt	There being no corner of the public land surveys within	
		two miles, I run a tie from cor. No. 1, hereinafter de-	
	6111	scribed, as follows: N. 66° W.	
	9.96	To U. S. L. M. No. 321, H. E. S., in sight, which is a	
	Pore 15,	malpais stone 36 x 24 x 10 ins. set in edge of mound of	
		rock 7 ft. dia., by 6 ft. high and chiseled USLM	
• •	30, 191	No 321 H E S on SW. face, whence:	
		A cross on top rock ledge, chiseled B R - U S L M	
	a Butt	No 321 H E S, bears N. 28° 51' E., 12 1ks. dist.	
		A juniper 18 ins. dia., scribed U S L M No 321	
	VIUSE	HES BT, bears S. 74° 47' W., 73 lks. dist.	-
		Cor. No. 1 H. E. S. 321 bears N. 42° 51' E.,	
	1 in it.	13.74 chs. dist.	
	4.10	Bald Hill bears N. 25° 14' W., approximately	
		ll miles dist.	
		Horner Mountain bears N. 2° 12' W., approximate-	
		ly 6-1/2 miles dist.	
	10	Highest visable point of Bradshaw Mountains	
		bears 'S. '78° '32' W.	
	doldw .	Junction of Tank and Sycamore Creeks bears N.	
	, 51	76° 14' E., approximately 1-1/2 miles dist.	
		Estler Peak bears N. 63° 12' W., approximate-	
		ly 10-1/2 miles dist.	
		Junction of Dry and Sycamore Creeks bears N.	-
	X.d	68° W., approximately 5 miles dist.	
	-isno		
	-110	more Creeks bears S. 63° 40' W., approximate-	
		ly 1 mile dist.	

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HOMESTEAD ENTRY SURVEY NO. 322 ·3. PRESCOTT NATIONAL FOREST STATE OF ARIZONA

Chains	.We .de Chalk Spring bears East. and a to butom a second
	NW. cor. of J. R. Alexander's house bears
	. '10 S. 32° E., approximately 1/4 mile.
	255 lks. 61st., soribed 2 H R S 322 B T.
ave	Beginning at cor. No. L. Balan a no secre A
	Identical with cor. H-3 of the list survey, which is
	a malpais boulder. 10 x 8 x. 6 feet above ground, marked
đ	and witnessed as described. by the. Forest Service. I
	destroy all trace of this list cor. and mark a cross
	on top of same stone and 1 - H E S 322 on SE. face; and
	raise a mound of stone 3 ft. base, 2 ft. high, SE. of
	Ascend 120 ft. in oak bruch t: danwimorhi, foo
B. S. W.	A cross on malpais boulder 6 x. 4 x 2 ft. above .
	ground, chiseled B R.1 - H E S 322, bears O
•	Ti Ob base S. 12: 14 W 243 1ks. dist.estros retev dr. 21
	A cross on malpais boulder 8 x 4 x 4 ft. above
	ground, chiseled B R. 1 H E S 322, bears 9 00.01
	S. 70° 17' W., 85 lks. dist. ON . TOP OT SI.VI
Jail	Lat. 34° 20' N., by account from cor. No. 1, H. E. S.
bedir	321. Long. 111° 52' W., by account from special in-
his	structions. Mag. Va. at 9:00 a.m., 14° 45' E.
B	toMean, mag. Idecl. 14° 43'oE. at the hars . 100 tall
Tovo.	sandstone 24 x 16 x 6 ing. 14 ing. in the ground
E S	Thence N. 2889 254 cE. s litiw bairsm enote fisme s
,esso	Descend 40 ft. in openito cor.; soal . W no 283
3.10	Fence bearsiNE.mand SW.oo to .WW. daid . J' 2/1-1
7,48	To cor No. 2. dig. dig., b. Sr. o. ros of
	Identical with cor. H-2 of the list survey, a juniper
•	post marked and witnessed as described by the Forest
	Service. I destroy all trace of this list cor. and
dist.	. at this point I set a porphyry stone 24 x 14 x 6 ins.,
The production of the second	14 ins. in the ground, over a small stone marked with
	a cross, chiseled 2 - H E S 322 on SW. face; and raise

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39 HOMESTEAD ENTRY SURVEY NO. 322

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

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Form 85. Sheet No. 2. . 4.

Chains a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which: A junipor 12 ins. dia., bears N. 67° 01' W., 265 1ks. dist., scribed 2 H E S 322 B T. A cross on a malpais rock 14 x 8 x 8 ins. above ground, chiseled B R 2 H E S 322, bears A 58° 14' E., 23 1ks. dist. Cor. No. 1 H E. S. 521 of Benjamin J. Stewart bears N. 27° 30' H., 15.68 chs. dist. by diroct measurement. Thence S. 7° 31' W. Soon 120 ft. in oak brush to point of hill. 8.00 Fop. of ridge, descend 100 ft. to creek. Ridge bears H. 2 W. 13.70 Fence bears S. 60° E. and H. 60° W. 13.75 Water course 5 1ks. wide, course NW. Ascend 40 ft. in timber to cor. Main himber to cor. Main himber to cor. Main himber to cor. Main is a point 3 1ks. North of obr. H-1 of the list survey, a 24 in. oak markéd and witnessed as described .by' the Forest Service. I destroy all trace of this list cor. and at the point for eor. He. 3, I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a erois, chiseled 5 - H B S 322 on NW. face; and raise a mound of stone 2 ft. base. 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears H. 19° 56' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 2° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W., 36 1ks. dist., scribed 3 H B S 322 B T. An oak tree, 8 ins. dia., bears H. 20° 26' W.]		
A juniper 12 ins. dia., hears N. 67° Ol' W., 253 lks. dist., scribed 2 H E S 522 B T. A cross on a malpais rock 14 x 8 x 8 ins. above ground, chiseled B R. 2 H B S 522, hears S. 38° 14' E., 25 lks. dist. Cor. No. 1 H E. S. 521 of Benjamin J. Stewart bears N. 27° 30' E., 15.68 chs. dist. by direct measurement. Thence S. 7° 31' W Ascend 120 ft. in oak brush to point of hill. 8.00 Top. of ridge, descend 100 ft. to creek. Ridge hears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 5. Which is a point 3 lks. North of obr. H-1 of the list survey, a 24 in, oak markéd and witnessed as described .by the Forest Service. I destroy all trace of this list cor. and at the point for eor. No. 3, I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a sross, chiseled 3 - H E S 522 on NW. face; and raise a mound of stone 2 ft. base. 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W., 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 19° 56' W., 16 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 20° 56' W., 16 lks. dist., scribed 3 H E S 322 B T.	Chains	a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of
253 1ks. dist., scribed 2 H E S 522 B T. A cross on a malpais rock 14 x 8 x 8 ins. above ground, chiseled B R 2 H B S 522, bears S. 36° 14' E., 23 1ks. dist. Cor. No. 1 H E. S. 521 of Benjamin J. Stewart bears N. 27° 50' E., 15.68 chs. dist. by direct measurement. Thence S. 7° 31' W Ascend 120 ft. in oak brush to point of hill. 8.00 Top. of ridge, descend 100 ft. to creek. Ridge bears B. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 1ks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 1ks. North of cor. H-1 of the list survey, a 24 in. oak markéd and witnessed as described .by the Forest.Service. I destroy all trace of this list cor. and at the point for eor. Ne. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a sross, chiseled 3 - H E S 522 on NW. face; and raise a moud of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W.; 19 1ks. dist., scribed 3 H E S 522 B T. An eak tree, 8 ins. dis., bears N. 2° 26' W., 36 1ks. dist., scribed 3 H E S 522 B T. An eak tree, 8 ins. dis., bears N. 2° 26' W., 36 1ks. dist., scribed 3 H E S 522 B T. An eak tree, 8 ins. dis., bears N. 2° 26' W., 36 1ks. dist., scribed 3 H E S 522 B T.		cor., from which: aneIA .A .L io . 100 .WM
A cross on a malpais rock 14 x 8 x 8 ins. above ground, chiseled B R.2 H B S 322, bears S. 36° 14' E., 23 lks. dist. Gor. No. 1 H E. S. 321 of Benjamin J. Stewart bears N. 27° 30' E., 15.68 chs. dist. by direct mensurement. Thence S. 7° 31' W. Ascend 120 ft. in oak brush to point of hill. 8.00 Top. of ridge, descend 100 ft. to creek. Ridge bears H. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 lks. North of cor. H-1 ef the list survey, a 24 in. oak markéd and witnessed as described .by the Forest Service. I destroy all trace of this list cor. and at the point for eor. Ne. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S S22 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W., 36 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W., 36 lks. dist., scribed 3 H E S 322 B T. 		A juniper 12 ins. dia., bears N. 67° Ol' W.,
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 Cor. No. 1 H.E. S. 521 of Benjamin J. Stewart bears N. 27? 30' E., 15.68 chs. dist. by direct measurement. Thence S. 7° 31' W Ascend 120 ft. in oak brush to point of hill. 8.00 Top, of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 5. Which is a point 3 lks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest.Service. I destroy all trace of this list cor. and at the point for eor. Ne. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W., is cor, as these, 8 ins. dia., bears N. 20° 26' W., is list. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 20° 26' W., is list. dist., scribed 3 H E S 322 B T. 	n is	oliw, yov ground, chiseled B R. 2 H E S 322, bears
 bears N. 27° 30' E., 15.66 chs. dist. by direct measurement. Thence S. 7° 31' W Ascend 120 ft. in oak brush to point of hill. 5.00 Top, of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 1ks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 1ks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest Service. I destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 5 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W.; 19 1ks. dist., scribed 3 H E S 522 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W.; 16 1ks. dist., scribed 3 H E S 522 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W.; 17 18 26 1ks. dist., scribed 3 H E S 522 B T. 	beirin	, Enworg S. 38° 14' E., 23 1ks. dist.d sieglan a
 by direct measurement. Thence S. 7° 31' W Ascend 120 ft. in oak brush to point of hill. 5.00 Top, of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 lks. North of cor. H-1 ef the list survey, a 24 in. oak marked and witnessed as described .by the Forest ServiceI destroy sll trace of this list cor. and at the point for eor. Ne. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a sross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, l-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W.; 36 lks. dist., scribed 3 H E S 322 B T. 	Ι.	convict Cor. No. 1 H. E. S. 321 of Benjamin J. Stewart
 Thence S. 7° 31' W As anoth to have a contained as a second 120 ft. in oak brush to point of hill. 8.00 Top, of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. 14.15 In timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. 17.12 To cor. No. 3. 18.15 Which is a point 3 lks. North of cor. H-1 of the list survey, a 24 in. oak warked and witnessed as described by the Forest ServiceI destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a eross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W.; 18.16 List., scribed 3 H E S 322 B T. 19 lks. dist., scribed 3 H E S 322 B T. 	esor	o a stam bears N. 279130' E., 15.68 chs. dist.
Ascend 120 ft. in oak brush to point of hill. 8.00 Top. of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. 15.75 Water course 5 lks. wide, course NW. Ascend 40 ft. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. 	bas ;es	by direct measurement. the same to got no
 8.00 Top. of ridge, descend 100 ft. to creek. Ridge bears E. & W. 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 lks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest.Service. I destroy all trace of this list cor. and at the point for eor. Ne. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a eross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W.; 36 lks. dist., scribed 3 H E S 322 B T. 	20 .9	Thence S. 17°33148W if & enote to hurom a ester
 13.70 Fence bears S. 60° E. and N. 60° W. 13.75 Water course 5 lks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. . Which is a point 3 lks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest. Service. I destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W., 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W., 36 lks. dist., scribed 3 H E S 322 B T. 		Ascend 120 ft. in oak brush to point of hill.
 13.75 Water course 5 1ks. wide, course NW. Ascend 40 ft. in timber to cor. 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. . Which is a point 3 1ks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest Service. I destroy all trace of this list cor. and at the point for eor. Ne. 3, I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 1ks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 36 1ks. dist., scribed 3 H E S 322 B T. 	8.00	Top. of ridge, descend 100 ft. to creek. Ridge bears E. & W.
 in timber to cor. in a list and second in timber to cor. in the second in timber to cor. in the second in	13.70	Fence bears S. 60° E. and N. 60° W. Surors
 16.90 Fence bears N. 75° E. and S. 75° W. 17.12 To cor. No. 3. Which is a point 3 lks. North of cor. H-1 of the list survey, a 24 in. oak marked and witnessed as described .by the Forest Service. I destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 136 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 	13.75	Water course. 5 lks. wide, course NW. Ascend 40 ft.
 17.12 To cor. No. 3.4216	970	deinttimberto cordinod sisgled no score A
 Which is a point 3 ks. North of cor. H-1 of the list survey, a 24 in, oak marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dis., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dis., bears N. 2° 26' W., 56 lks. dist., scribed 3 H E S 522 B T. 56 lks. dist., scribed 3 H E S 522 B T. 	16.90	Fence bears N. 75° E. and S. 75° W. burg
 survey, a 24 in. oak markéd and witnessed as described .by the Forest.ServiceI destroy all trace of this list cor. and at the point for eor. No. 3, I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W.; 36 lks. dist., scribed 3 H E S 322 B T. 	17.12	To cor. No. 3. telf 85 lks. dist. 8. on .ros of
.by'the Forest. ServiceI destroy all trace of this list cor. and at the point for eor. No. 3. I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 136 lks. dist., scribed 3 H E S 322 B T. 	. 8.	.Which is a point 3 1ks. North of cor. H-1 of the list
<pre>list cor. and at the point for cor. No. 3, I set a sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 1ks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 36 1ks. dist., scribed 3 H E S 322 B T. 36 1ks. dist., scribed 3 H E S 322 B T. 36 1ks. dist., scribed 3 H E S 322 B T. 36 1ks. dist., scribed 3 H E S 322 B T. 36 1ks. dist., scribed 3 H E S 322 B T. 36 1ks. dist., scribed 3 H E S 322 B T. 37 10 1ks. dist., scribed 3 H E S 322 B T. 38 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist., scribed 3 H E S 322 B T. 39 1ks. dist.</pre>	· -ni j	survey, a 24 in. oak marked and witnessed as described
sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 36 lks. dist., scribed 3 H E S 322 B T. 		.by the Forest. Service I destroy all trace of this
a small stone marked with a cross, chiseled 3 - H E S 322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 36 lks. dist., scribed 3 H E S 322 B T. 		list cor. and at the point for cor. No. 3, I set a
322 on NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which: A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 50 J 36 lks. dist., scribed 3 H E S 322 B T. 	nen under sone ander sone	sandstone 24 x 16 x 6 ins., 14 ins. in the ground, over
 1-1/2 ft. high, NW. of cor., from.which: dealer of. A wild cherry, 6 ins. dia., bears N. 19° 56' W.; 19 lks. dist., scribed 3 H E S 322 B T. An oak tree, 8 ins. dia., bears N. 2° 26' W., 56 lks. dist., scribed 3 H E S 322 B T. 		a small stone marked with a cross, chiseled 3 - H E S
A wild cherry, 6 ins. dia., bears N. 19° 56' W.; Tering a . 19 lks. dist., scribed 3 H E S 322 B T. tering and An oak tree, 8 ins. dia., bears N. 2° 26' W., bus . 100 to 136 lks. dist., scribed 3 H E S 322 B T. d x 41 Crystal Spring bears N. 47° 29' W., 50 lks. dist. div bearem emote figure a revo . busora ent at .emi 41		322 on NW. face; and raise a mound of stone 2 ft. base,
regime, a . 19 lks. dist., scribed 3 H E S 322 B T. tee of and An oak tree, 8 ins. dia., bears N. 2° 26' W., bns. too del 36 lks. dist., scribed 3 H E S 322 B T. 		1-1/2 ft. high, NW. of cor., from which ed eane 01.8
teerof ent An oak tree, 8 ins. dia., bears N. 2° 26' W., bns. too tei 36 lks. dist., scribed 3 H E S 322 B T. 	A wild cherry, 6 ins. dia., bears N. 19° 56' W.;	
bns . 100 tel 36 lks. dist., scribed 3 H E S 322 B T. d x el Crystal Spring bears N. 479 29' W., 50 lks. dist. 	iper	nt a .vov19elks. dist., scribed 3 H E S 322 B T.
d x 41 Crystal Spring bears N. 479 291 W., 50 1ks. dist. dit bears enote fisme a revo , bauors ent at .ent 41	bns . 100 del 36 lks. dist., scribed 3 H E S 322 B T.	
14 ins. in the ground, over a small stone marked with		

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HOMESTEAD ENTRY SURVEY NO. 322

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PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

	Chains	. Ascend 50 ft. along, N. slope in timber.
	8.00	Top ascent, descend 150 ft., along NW. slope in timber
		, and oak brush to cor. in , and 3 regimut A
	26.10	To cor. No. 4. H & bediros toth . will a
		Identical with cor. H-5 of the list survey, which is a
		juniper post marked and witnessed as described by the
		. Forest Service. I destroy all trace of this list cor.
		and at this point I set a sandstone 26 x 12 x 6 ins.,
		set 14 ins. in the ground, over a small stone marked
	References and a second second second second	with a cross, chiseled 4 - H E S 322 on the N. face;
		and raise a mound of stone 2 ft. base, 1-1/2 ft. high,
	- sere	N. of-cor., from which ; sais Istor
	5	An oak, 6 ins. dia., bears N. 63° 41' W.,
		132 lks. dist., scribed 4 H E S 322 B T.
	eidt	to Jil An oak, 4 ins. dia., bears N. 21° 47' E.,
-	edt	36 lks. dist., scribed 4 H E S 322 B T.
		Pollogica
	10	Thence N. 71º 30'TWal x 02 , second gaillews frot A
*	5	Descend 50 ft. in timber to Creek. Fence on line.
	1.25	Enter Crystal Spring creek, 15. 1ks, wide, banks 3 ft.
		high Continue in creek. Course N. 71' 30" W. Fence cor. Fence bears SW. and along line.
	a state of the second state of the second state of the	Leave creek, course West. Of x Sf , entor anote A
1.	5.50	Leave fence, bears NE Wi bus .W bus . I preed
	7.74	To cor. No.15.01 . 100 mort. dist. dist. 10.51 W
	00.	Which is a point S. 8° 20' W., 4 lks. dist. from cor.
	5	H-4 of the list survey, a juniper tree marked and wit-
		' nessed as described by the Forest Service I destroy
		all trace of this list cor. and at the point for cor.
and the second	00.0	No. 5 I set a sandstone 24 x 16 x 6 ins., 14 ins. in
-	BIB	the ground, over a small stone marked with a cross,
		chiseled 5 - H E S 322 on the E. face; and raise a
		mound of stone 3 ft. base, 1-1/2 ft. high, E. of cor.,
	. 00.0	from which: oulsv

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HOMESTEAD ENTRY SURVEY NO. 322

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	A juniper 6 ins. dia., bears S. 71° 30' W.,
Tec	mit ni og 20 1ks. dist., scribed 5 H E S 322 B T. 00.8
	A juniper 6 ins. dia., bears N. 8° 20' E.,
	4 lks. dist., scribed 5 H E S 322 B T. of OL.83
a si i	Identical with cor. H-5 of the list survey, which
y the	Thence N. 51° 02° Eatiw bus bedren trog regime,
.ros de	Ascend 130 ft. along SE. slope in timber to cor.
14.50	Leave timber, bears SSE. and NNW. og aldt te bne
34.84	To cor. No. 1, the place of beginning
:008	with a cross, chiseled 4 - H E S 322 on the N. f
high,	and raise a mound of SARRA 2 ft. base, 1-1/2 ft.
	Total area
	An oak, 6 ins. dis., bears N. 63° 41' W.,
	152 1ka. digTugment 4 H B S 322 B T.
	The improvements made upon and for the benefit of this
	·claim, and belonging to the claimant, consist of the
	following:
	A tent dwelling house, 20 x 12 ft., the long side of
10.	which bears E. and W. and NE. cor. of which bears
ft.	S. 1º 04' E., 12.10 chs. dist. from cor. No. 1. 8.1
	A store house, 12 x 10 ft., the long side of which
	bears E. and W. and NW. cor. of which bears S. 1° 00'
	W., 12.51 chs. dist. from cor. No.dl.on . rop of 47.7
cor.	00.00 \$ menters are an and the sular. 4 lks. dist. from
-tiw 5	A stable, 20 x 12 ft., the long side of which bears
yortes	I.E. and W. and NE. cor. of which bears S. 7° 08' W.,
.109	Tol 14.33 chs. dist. from cor. No. 1. to sourt fis
ni .	00.001%
,88	A corn crib 12 x 10 ft., the long side of which bears
ß	E. and W. and NW. cor. of which bears S. 12° 36' E.,
	10 .4.50 chs. dist. from cor. No. 1. ora to borom
	Value \$ 25.00

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HOMESTEAD ENTRY SURVEY NO. 322

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Porm 87. Sheed No. 2. . 7.

TERRESCOTT NATIONAL FOREST

STATE OF ARIZONATATE

	Chains	A chicken house 22 x 6 ft., the long side of which bears
		N. and S. and NW. cor. of which bears S. 48° 04' E.,
		2.90 chs. dist. from cor. No. 1.
		00.01\$
	25.8	There is approximately 3/4 of a mile of wire fence.
	24.95	Value
100 Mar 100		20.78 LO LO AS
	22 32	
		Situated in Crystal Spring gulch at foot of Mt. Thomas
		and at an elevation of 5,300 ft. General slope to SW.
		with NW. and SE. exposures. Addit for a part of D
		Crystal Spring furnishes sufficient water for domestic
	1738	use and will furnish water for the irrigation of approx-
		imately 20 acres.
		There is approximately 8 acres in cultivation and orchard.
	-	A deep loam covers central portion of the tract which de-
		creases in depth as it approaches the boundaries which
		are on rocky hillsides. The SE. exposure and the bot-
		tom is open on northern portion of tract. The re-
		mainder of tract is covered with oak brush and juniper
		of small value. The southern portion of bottom is
		covered with sycamore, oak, walnut, juniper and alder.
		I saw no indication of mineral upon this claim.
		CONFLICTS AND ADJOINING CLAIMS
		There are no conflicting or adjoining claims. H.E.S.
		No. 321 of Benjamin J. Stewart is approximately 15 chs.
		to the North.
		The power line of the Arizona Power Company as constructed
	122	on the ground lies approximately 2-3/4 miles to North.
		H.E.S. No. 44 is several miles to East on Houston Creek.
		Mayer, the nearest railroad and post office is approxi-
		mately 25 miles to west, 10 miles of which is over poor
		wagon road.

HOMESTEAD ENTRY SURVEY NO. 522

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA ATS

Chains	A chicken house 22 x 6 ft., the long side of which	Chains
. • 11	TRAVERSE '50 '64 .2 stand doint to . roo .WM ong .6 one .M Cor. Course Dist. N S E	W
	1-2 N. 88° 25' E. 7.48 0.21 7.48	24
00	2-3 S. 7° 31' W. 17.12 16.97	2.24
*	3-4 S. 72° 56' W. 26.10 7.66	24.95
00	4-5 N. 71º 30' W. 7.74 2.46	7.34
	5-1 N. 51° 02' E. 54.84 21.91 27.09	
0.000	93.28 24.58 24.63 34.57 24.58 84.58	34.53
	Error in Lat. and Dep05 .04	
entite	Closing error 1:1457 . Detweene . 28 She . We doin	S.22.
	Survey completed April 14, 1915.	Past-
	imstely 20 acres.	
draforo.	There is pproximitaly 8 seres in cultivation and	18 march
	R.C.Johnson	
	seiresmuod ent senseorque di Surveyor . Draftsman	
	are on rocky hillsides. The Sd. exposure and t	
-01	tom is open on northern portion of tract. The	
region	bas dand led dit bereves at jears is rebaien	
at	of small value. The southern portion of bottom	
. TOBLA	covered with sydemore, oak, walnut, juniper and	
	I saw no indication of mineral upon this claim.	
	COMPANCES AND ADDINING CLAINS	
.2.1	There are no conflicting or adjoining claims. H.	
.ado di	No. 321 of Henjamin J. Stewart is approximately	
	. dorthe Horth.	
etourte	The power Line of the artigons Fower Company as con	
	on the ground lies approximately 2-5/4 miles to	
ileest n	1.4.3. No. 44 is several miles to Last on Housto	
	Layer, the nearest railroad and post office is app	
	nately be males to west, 10 miles of which is ov	

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HOMESTEAD ENTRY SURVEY NO. 322

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PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains	Computation for Meridian.
	Lat. 34° 20' 50". Long. 111° 52' W. Elevation 5300
	Observation April 14.
	Telescope Time Horizontal Vertical
	• Direct 9h. 37m. 20s. 60° 08' 30" 49° 18' 30"
	Reverse 9h. 38m. 16s. 60° 43' 48° 55' 30"
	2)19h. 15m. 36s. 120° 51' 30" 98° 14' 00" 9h. 37m. 48s. 60° 25' 45" 49° 07'
	<u>4h. 32m. 32s.</u> <u>5h. 5m. 16s.</u> True alt. <u>49° 06' 18"</u>
1	Dec. = 9° 11' 40" N.
	Cos. Q. = $+ \sin \cdot 9^{\circ} 11' 40''$
	cos. 34° 20' 50" x cos. 49° 06' 18"
	tan. 34° 20' 50" x tan. 49° 06' 18"
	log. sin. = 9° 11' 40" = - 9.203537
	log. cos. = 34° 20' 50" = + 9.916788
	log. cos. = 49° 06' 18" = + 9.816025
	9.470724 = log29561
: .	$\log \cdot \tan = 34^\circ 20^\circ 50^\circ = 9.834651$
	$\log \cdot \tan = 49^{\circ} 06' 18'' = 10.062445$
	9.897096 = log78904
	Cos. Q49343 /
	Q. = 60° 26' 2"
	Bearing of object N. 0° 00' 17" W.

SS HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF INA NO ADATA

Chains	Computation for Meridian.	Chains	*
800	Lat. 34° 20' 50". Long. 111° 58' W. Elevation 5		
	Observation April 14.		
	Telescope Time Horizontal Vertical Angle Angle Angle Diract 9h. 37m. 30s. 60° 08' 50" 49° 18' 30"		,
	Reverse 9h. 38m. 16s. 60° 43' 48° 55' 30" 2) <u>19h. 15m. 36a. 180° 51' 50" 98° 14' 50"</u> 9h. 37m. 433. 60° 25' 45" 49° 07' 4h. 32m. 32s.		
res.ter	5h. 5m. 16s. True alt. 49° 06' 18"		
	Dec. = 9° 11' 40" H.		
-	008. 0. = <u>+ sin. 9° 11' 40"</u> 608. 84° 20' 80" x 008. 49 08' 18"		
	tan. 34°.20' 50" x tan. 49° 06' 18"		
	log. sin. = 9° 11' 40" = - 9.203537	1 Salt	
	102. cos. = 34° 20' 50" = + 9.916788		
	10g. cos. = 49° 06' 18" ·= + 9.816025		÷
51.	9.470724 = Jog29b		4
	log. tan. = 84° 20' 50" = 9.834651		-
	10g. tan. = 49° 06' 18" = <u>10.062445</u>		•
il.	9.897096 = 10g789		•
11 S 1	9. = 60° 26 Bearing of object N. 0° 00' 13" J.		
			1

Form 85. Sheet No. 3.-Revised Feb., 1915.

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DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures.
2. In balancing Latitudes and Departures do not obliterate or change the footing of the original figures, but put below them the corrected footing in red ink.
3. In calculations 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.

S. AREAS.		1133 78 ⁰ 302 85 ⁰						1436 63	10111111111	A 10 10 10		40 599 Acres							
N AREAS		~~~ G F	76 27			18 05	593 65	624 64							1				
DOUBLE M. D.		67 69	20 40	20 00		7 34	Z1 01												
RES.	WEST.		0 25	24 36	20 42	1 24		34 52	3455	,									
DEPARTURES.	EAST.	7 48	Section 18 million			57 Rd		34 57	34 55										
ES.	South.	10	16 97	1				24 63	24 60										
LATITUDES.	North.	0 21	*		2 46	21 91		24 58	24 60										
DISTANCE.		7.48	17.12	26.10	7.74	34.84		9.5 . 28										 	
BEARING.		N. 88° 25' E.	S. 7º 31' W.	S. 72° 561 W.	N. 71° 30' W.	51.0 021	-				Closing error 1:1457							•	
CORNERS.		1-2	2-3	3-4	4-5	5-1					Closing								

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, August 14, 1917 The foregoing field notes of Homestead Entry Survey No.

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executed by R. P. A. Johnson, Surveyor-Draftsman, [Forest Service Title.] under his special instructions, dated February 11, 1915, 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.

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