

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

APR 4 - 1914

AUG 4 - 1915

JUL 25 1915

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 91

SITUATED IN THE

Prescott NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 18, unsurveyed, Township 15 N., Range 2 E.

Section 19, unsurveyed, Township 15 N., Range 2 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by W. H. Finigan, Forest Service Surveyor

Under special instructions dated August 12, 1913

Survey commenced September 17, 1913

Survey completed September 18, 1913

Under Acts of June 11, 1906, and March 4, 1913.

Applicant for listing J. M. Cook

Residence Humboldt, Arizona

Application No. 31, dated March 3, 1908

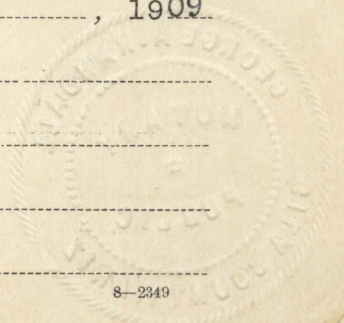
List No. 3-234, dated July 24, 1909

Applicant for survey J. M. Cook

Residence Humboldt, Arizona

H. E. No. 07759, dated December 20, 1909

Land district Phoenix, Arizona.



OATH OF ASSISTANTS

We hereby certify that we assisted _____ in surveying all those parts or portions of Homestead Entry Survey No. _____, in surveyed Section _____, Township _____, Range _____, surveyed Section _____, Township _____, Range _____,

of the _____ meridian, State of _____, 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 _____

Subscribed and sworn to before me this _____ day of _____, 19_____.

OATH OF SURVEYOR

I, W. H. Finigan, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated August 12, 1913, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land ~~upon the application of~~ embraced in List, No. 3-234, dated July 24, 1909, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 91, situated within the Prescott National Forest, in unsurveyed Section 18, Township 15 N., Range 2 E., and unsurveyed Section 19, Township 15 N., Range 2 E.,

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 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.

W. H. Finigan
Forest Service Surveyor.

Subscribed and sworn to before me this Sixteenth day of January, 1914.



George A. Randall
Notary Public
Comm. expires _____
Feb 26, 1916

OATH OF ASSISTANTS

We hereby certify that we assisted *W. H. Finigan
Forest Service Surveyor, in surveying all those parts or
portions of Homestead Entry Survey No. 91 situate
in Sec. 5 18 and 19 unsurveyed T 15 N. R. 2 E

of the Gila and Salt River Base and Central Meridian,
State of Arizona, which are represented in
the foregoing field notes as having been surveyed by him
and under his directions; and that said survey has been in
all respects, to the best of our knowledge and belief, well
and faithfully surveyed, and the corners/monuments establish-
ed, according to the instructions furnished by the United
States Surveyor General for Arizona

Robt. H. Finigan, Chairman
Raymond W. Bennett, Chairman

Subscribed and sworn to before me this twenty third
day of September, 1913.

W. H. Finigan
Forest Service Surveyor

OATH OF ASSISTANTS

We hereby certify that we assisted W. H. Thompson
Forest Service Surveyor, in surveying all those parts or
portions of Homestead Entry Survey No. 91 situated
in Secs. 18 and 19 Township T. 12 N. R. 2 E.

of the Gila and Salt River Basins and Meridian,
State of Arizona, which are represented in
the foregoing 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 establish-
ed, according to the instructions furnished by the United
States Surveyor General for Arizona.

Subscribed and sworn to before me this fourteenth
day of September, 1911.

W. H. Thompson
Forest Service Surveyor

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains J. M. Cook, applicant for listing; Application No. 31, dated March 3, 1908; List No. 3-234, dated July 24, 1909. Phoenix Serial No. 07759, dated December 20, 1909.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 12, 1913, designated as Homestead Entry Survey No. 91.

Surveyed under the Acts of June 11, 1906 and March 4, 1913.

This survey was executed with a W. and L. E. Gurley light mountain transit equipped with a Burt solar attachment. The distances were measured with a 200 and 400 lk. steel tape directly on the slope and the slope angles determined with a clinometer.

This survey is located in what will probably be, when surveyed, Secs. 18 and 19, ~~unsurveyed~~ T. 15 N., R. 2 E., of the Gila and Salt River Base and Meridian, in the Prescott National Forest, Arizona.

The courses of this survey were deflected from the true meridian as established by observation on Polaris at E. elong.

September 16, 1913.

I set transit at cor. No. 5, Lat. $34^{\circ} 40\frac{1}{2}'$ N., Long. $112^{\circ} 12'$ W., and observe Polaris at E. elong. and mark line on ground. The next morning I set off the azimuth of Polaris $1^{\circ} 24\frac{1}{2}'$ to west of observed line and thus establish the true meridian.

I check the meridian thus established by several subsequent observations with the Burt solar attachment.

Chains

September 17, 1913.

Beginning at cor. secs. 13, 24, 18 and 19, T. 15 N., Rs.

1 and 2 E. which is a 3 in. iron pipe marked and witnessed as described by the Surveyor General, thence run

South on a random line and at 41.13 chs. fall 3.5 lks.

east of W. C. for 1/4 sec. cor. bet. secs. 19 and 24,

therefore true line is N. 0° 03' E., 41.13 chs.

From W. C. for 1/4 sec. cor. bet. secs. 19 and 24 run N.

3° 09' E., 4.38 chs., thence N. 18° 37' E., 4.37 chs.

to cor. No. 1 H. E. S. No. 91, therefore the line bears
S. 10° 54' W., 8.67 chs.

September 17, 1913.

Beginning at cor. No. 1.

Identical with cor. No. 6 of list, which is a juniper post

3 x 3 ins., 36 ins. above ground marked and witnessed

as described in the field notes of listing survey. I

destroy same and set a malpais stone 24 x 14 x 10 ins.,

14 ins. in the ground, over stone marked +, chiseled

1-HES91 on side facing claim, and there being no bear-

ings available dig pits 24 x 24 x 12 ins. crosswise on

lines 7 ft. dist.; raise mound of earth and stone 4 ft.

base, 2 ft. high, 3-1/2 ft. dist. within claim, whence:

W. C. 1/4 sec. cor. bet. secs. 19 and 24, T. 15 N.

Rs. 1 and 2 E., bears S. 10° 54' W., 8.67 chs.

Mag. va. at 10 a.m. 14° 50' E. Mean Mag. Va. 14° 51' E.

Thence N. 1° 15' W.

Descend thru brush.

1.80 Foot descent bears E. and W., 25 ft. deep. Corner of

fence, thence over level ground along fence.

3.30 Arroyo, 15 lks. wide, course W.

6.30 Arroyo, 10 lks. wide, course W.

8.90 Leave fence.

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Chains	Arroyo, 12 lks. wide, course SW. ascend.
18.80	Top of ascent 25 ft. high, bears NE. and SW. over level ground.
27.50	Enter heavy brush.
28.70	Arroyo 6 lks. wide, course SW.
34.30	Yaeger Canyon Wash, course SW. and corner wire fence, along fence.
35.20	Telephone line bears NE. and SW.
42.35	Arroyo 10 lks. wide, course SW.
42.45	To cor. No. 2. At corner of fence. Identical with cor. No. 7 of list, which is a 4 x 4 in. juniper post, 36 ins. above ground marked and witnessed as described in the field notes of the listing survey. I destroy same and set a malpais stone 24 x 12 x 10 ins. 14 ins. in ground, over stone marked +, chiseled 2-HES91 on side facing claim; No bearings available, therefore dig pits 24 x 24 x 12 ins. crosswise on line 2-3, 7 ft. distant, other pit falls in arroyo; and raise mound of earth and stone, 4 ft. base, 2 ft. high, 3-1/2 ft. distant within claim. U. S. L. M. No. 1075 bears N. 52° 33' E.
	Thence N. 55° 55' E. Ascending very slowly along fence.
17.20	Wash, 8 lks. wide, course E.
30.70	Cor. fence, leave fence.
31.25	Road bears E. & W.
32.27	To cor. No. 3. Identical with cor. No. 8 of list, which is a 3 x 3 in. juniper post in mound of stone 36 ins. above ground, marked and witnessed as described in field notes of listing survey. I destroy same and set a malpais stone 24 x 10 x 6 ins. in mound of stone on solid rock, chis-

Chains	<p>eled 3-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high; 3-1/2 ft. distant within claim; whence</p> <p>+ B R 3 H E S 91 chiseled on face of malpais boulder showing 12 x 24 x 18 ins. above ground bears N. 30° 20' E. 72.5 lks.</p> <p>+ B R 3 H E S 91 chiseled on top of malpais rock showing 8 x 18 x 14 ins. above ground bears S. 3° 27' W. 55.5 lks.</p>
	<p>Thence N. 76° 18' E.</p> <p>Over level ground.</p>
8.00	Descend.
9.70	Foot descent, bottom small gulch 20 ft. deep, course S. ascend.
11.50	Top ascent, on ridge bears N. and S. descend.
13.10	Foot descent, in bottom small gulch 15 ft. deep, course S., ascend.
14.20	Top ascent bears N. and S.
14.50	Telephone line bears NE. and SW.
16.01	Telephone line bears SE. and NW.
17.80	Descend
21.32	Foot descent 30 ft. deep, in bottom gulch, course SW. ascend.
22.78	<p>To cor. No. 4.</p> <p>Identical with cor. No. 9 of list, which is a 4 x 4 in. juniper post, 36 ins. above ground marked and witnessed as described in field notes of listing survey. I destroy same and set a malpais stone 24 x 12 x 6 ins. 6 ins. in ground on solid rock chiseled + for exact cor. point, in mound of stone chiseled 4-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence</p> <p>A pinon 7 ins. in diameter, scribed 4 H E S 91 B T</p>

HOMESTEAD ENTRY SURVEY NO. 91

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Chains	<p>bears N. 45° 37' W. 20 lks.</p>
10287-3	<p>A pinon 12 ins. in diameter, scribed 4 H E S 91 B T bears S. 61° 10' W. 72 lks.</p>
T 8 19	<p>Thence S. 0° 51' E.</p>
0.60	<p>Over level ground.</p>
3.25	<p>Descend thru timber.</p>
4.50	<p>Telephone line bears NW. and SE.</p>
5.70	<p>Foot descent bears E. and W., over level ground.</p>
6.30	<p>Yaeger Canyon Wash, 60 lks. wide, course. W.</p>
6.51	<p>Road to Yaeger Canyon Ranger Station.</p>
6.51	<p>To cor. No. 5.</p>
	<p>Identical with cor. No. 10 of list, which is a 4 x 5 in. juniper post, 36 ins. above ground marked and witnessed as described in field notes of listing survey. I des- troy same and set a malpais stone 24 x 8 x 6 ins. 14 ins., in ground over stone marked +, chiseled 5-HE391 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence A box-elder 10 ins. in diameter, scribed 5 H E S 91 B T bears N. 17° 22' W. 109.5 lks. An ash 8 ins. in diameter, scribed 5 H E S 91 B T bears S. 68° 12' E. 153 lks. North end, center Ellen lode unsurveyed of claimant herein, which is post in mound of stone, no marks, bears S. 7° 26' W. 1.17 chs.</p> <hr/> <p>Thence N. 84° 17' W.</p> <p>Over level land thru timber.</p> <p>September 18, 1913.</p> <p>4.72 To cor. No. 6 and fence.</p> <p>Identical with cor. No. 1 of list, which is a 3 x 4 in. juniper post, 36 ins. above ground, marked and witnes- sed as described in field notes of listing survey. I</p>

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ARIZONA

Chains

destroy same and set granite stone 24 x 8 x 6 ins. 14 ins. in ground over stone marked +, chiseled 6-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence

A walnut 8 ins. in diameter, scribed 6 H E S 91 B T bears S. 61° 0' W. 203 lks.

+ B R 6 H E S 91 chiseled on face of a schist ledge showing 1-1/2 x 4 x 2 ft. above ground

bears S. 29° 45' E. 111 lks.

NW. cor. Ellen lode unsurveyed, which is a post in mound of stone, no marks, bears S. 16° 30' E. 84 lks.

Thence S. 58° 05' W. 38 lks. Over level ground.

3.75. Ascend thru brush.

5.50 Top of ascent on N. slope hill 20 ft. high, descend.

11.88 To cor. No. 7

Identical with cor. No. 2 of list, which is a schist

boulder in place, showing 3 x 5 x 3 ft. above ground

marked and witnessed as described in field notes of listing survey. I destroy marks and chisel same boulder

+ on top for exact point, 7-HES91 on side facing claim;

raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2

ft. distant within claim; whence

A walnut 6 ins. in diameter, scribed 7 H E S 91 B T

bears N. 7° 14' W. 201 lks.

+ B R 7 H E S 91 chiseled on face of schist boulder

showing 2 x 3 x 1 ft. above ground bears

S. 34° 03' E. 25 lks.

NW. cor. Macey lode unsurveyed of claimant herein,

which is a post in mound of stone, no marks,

bears S. 88° 10' E. 102 lks.

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Chains	Thence S. 2° 42' W. Descending slowly thru brush.
5.50	To cor. No. 8 Identical with cor. No. 3 of list, which is a 4 x 4 in. juniper post, 36 ins. above ground, marked and witnessed as described in field notes of listing survey. I destroy same and set a quartz stone 24 x 16 x 6 ins. 14 ins. in ground, over stone marked +, chiseled 8-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence + B R 8 H E S 91 chiseled on face of schist ledge showing 1-1/2 x 5 x 2 ft. above ground, bears N. 70° 35' E. 131 lks. B R 8 H E S 91 chiseled on face of quartz ledge showing 3-1/2 x 6 x 1 ft. above ground, bears N. 38° 11' E. 255 lks.
8.65	Wash, 10 lks. wide, course SW.
9.65	To cor. No. 9 Identical with cor. No. 4 of list, which is a 5 x 5 in. juniper post, 36 ins. above ground, marked and witnessed as described in field notes of listing survey. I destroy same and set a malpais stone 24 x 8 x 6 ins. 14 ins. in ground, over stone marked +, chiseled 9-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence A walnut 8 ins. in diameter, scribed 9 H E S 91 B T bears S. 43° 15' W. 111 lks. A walnut 14 ins. in diameter, scribed 9 H E S 91 B T bears N. 86° 19' W. 157 lks. NE. cor. Gold Springs lode unsurveyed, which is a mound (small) of stone, no marks, abandoned;

Chains	bears N. 49° 21' W. 127 lks.
	Descending gradually thru brush.
	Thence S. 18° 05' W.
	Descending gradually.
1.80	Old well, caved in, bears N. 72° 0' W. 1.25 chs.
3.21	Wire fence bears N. and S.
9.00	Old road, bears N. and S.
9.30	Spring bears N. 72° 0' W. 4.50 chs.
11.20	Wash, 15 lks. wide, course SW.
18.50	Wash, 15 lks. wide, course SW.
29.40	Wire fence, course SE. and NW.
34.80	Arroyo, 60 lks. wide, course W. ascend gradually.
39.46	To cor. No. 10.
	Identical with cor. No. 5 of list, which is a 3 x 4 in. juniper post, 36 ins. above ground, marked and witnessed as described in field notes of listing survey. I destroy same and set a malpais stone 24 x 10 x 6 ins. 14 ins. in ground over stone marked +, chiseled 10-HES91 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence
	A pinon 10 ins. in diameter, scribed 10 H E S 91
	B. T. bears S. 64° 0' E. 372 lks.
	B R 10 H E S 91 chiseled on face of malpais
	boulder showing 2 x 3 x 2 ft. above ground
	bears N. 35° 28' W. 240 lks.
	U. S. L. M. No. 1075; bears N. 34° 58' E.
	Thence S. 87° 12' W.
	Over level ground thru brush.
4.00	Arroyo, 8 lks. wide, 6 ft. deep, course N.
6.00	Corner wire fence N. 62 lks.
13.00	Wire fence bears N. and S.
14.00	Ascend along N. slope small mesa.

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Chains

- 18.70 Top ascent, bears E. and W. over level ground.
- 19.69 To cor. No. 1, the place of beginning.

Area

Total area H. E. S. No. 91 . . . 159.74 acres.

Improvements.

The improvements on this claim consist of the following:

A frame house, the SE. cor. of which bears from cor. No. 6 S 85° 15' W. 1.70 chs. 28 x 24 ft. Course of long side S. 70° W. Value \$500.00

An adobe house, the SE. cor. of which bears from cor. No. 6 N. 75° 0' W. 2.10 chs. 14 x 10 ft. Course of long side S. 70° W. Value \$ 50.00

A frame barn, the SW. cor. of which bears from cor. No. 6 N. 14° 0' E. 1.95 chs. 40 x 22 ft. Course of long side S. 65° E. Value \$200.00

A frame workshop the SW. cor. of which bears from cor. No. 6 N. 33° 30' E. 80 lks. 24 x 10 ft. Course of long side S. 50' E. Value \$ 75.00

A frame cabin, the SW. cor. of which bears from cor. No. 6 N. 30' E. 20 lks. 12 x 10 ft. Course of long side N. 20° W. Value \$ 25.00

A well and wind mill the center of which bears from cor. No. 6 N. 61° W. 1.60 chs. 5 x 5 ft. 30 ft. deep. Value \$ 50.00

A wooden tank which bears from cor. No. 6 N. 61° W. 1.80 chs. 4 ft. diameter, 10 ft. high. Value \$ 25.00

About 2-3/4 miles of wire fence, Value \$300.00

A 2 in. pipe line 700 ft. long. Value \$140.00

Total estimated value of improvements \$1365.00

All of above improvements of claimant herein.

Chains

A frame cabin of unknown claimant, the SE. cor. of which bears from cor. No. 10 N. 4° 45' E. 14.75 chs.

Old well, the center of which bears N. 72° 0' W.

1.25 chs. from point on line 9-10, 1.80 chs. from cor.

No. 9, of unknown claimant. Same has caved in.

Description

This survey lies at the mouth of Yaeger Canyon, the greater part of it being practically level.

There is some small timber on the NE. corner of the tract and the ground adjacent to the South and West boundaries has growth of brush. The greater part of the land is free of timber or brush.

Water for domestic purposes and for irrigating a garden and small orchard is supplied by a well, but the natural rain fall is depended on for raising corn, grain, etc.

The soil is deep and fertile and well adapted to raising corn, grain, fruit, vegetables, etc.

The Ellen and Macey lodes unsurveyed of claimant herein lies east and south of this claim, and shows some mineralization.

The Gold Springs lode unsurveyed and abandoned conflicts with this claim on the east. I fail to find or identify any corner of this claim excepting the NE. cor.

This claim is said to have shown some mineralization outside of the homestead claim.

The homestead claim is said to show no mineralization and I did not observe any mineral on the tract.

The Yaeger mine is situated about 1 mile Southeasterly.

An abandoned group of lode locations is located NE. Name unknown, of unknown claimant. I fail to find or identify any corner of same.

Dewey, Arizona the nearest settlement and railroad point is situated about 9 miles Southwesterly.

HOMESTEAD ENTRY SURVEY NO. 91

PRESCOTT NATIONAL FOREST

ARIZONA

Chains

The Yaeger Canyon Ranger Station is about 1 mile easterly.
Survey completed September 18, 1913.

Course	Distance	Closing Errors		Departure	
		N	S	E	W
N. 1° 15' W.	42.45	42.44			0.92
N. 55° 55' E.	32.27	18.08		26.73	
N. 76° 18' E.	22.78	5.40		22.13	
S. 0° 51' E.	6.51		6.51	0.10	
N. 84° 17' W.	4.72	0.47			4.70
S. 58° 05' W.	11.88		6.28		10.08
S. 2° 42' W.	5.50		5.49		0.26
S. 6° 33' W.	9.65		9.59		1.10
S. 18° 05' W.	39.46		37.51		12.25
S. 87° 12' W.	19.69		0.96		19.67
	194.91	66.39	66.34	48.96	48.98
		<u>66.34</u>			<u>48.96</u>
		.05			.02

Error closure $\sqrt{\frac{25 + 4}{19491}} = \frac{1}{3616}$

There being no officer qualified to administer oaths within a reasonable distance I administer oaths of assistants in my official capacity.

Any discrepancy between these field notes and those of the listing survey are due to error in the latter.

W.H. Finigan
Forest Service Surveyor.

HOMESTEAD ENTRY SURVEY NO. 14280

FOREST NATIONAL FOREST

ARIZONA

Chains

The Yeager Canyon Ranger Station is about 1 mile easterly. Survey completed September 18, 1913.

Chains

Course	Distance	Latitude	Departure
N. 1° 15' W.	43.45	43.44	0.93
N. 55° 55' E.	32.27	18.08	26.73
N. 76° 18' E.	22.78	5.40	22.13
S. 0° 21' E.	6.51	6.51	0.10
N. 84° 17' W.	4.72	0.47	4.70
S. 28° 05' W.	11.88	6.28	10.08
S. 2° 42' W.	5.50	5.49	0.28
S. 6° 33' W.	9.65	9.59	1.10
S. 18° 05' W.	39.46	37.51	12.25
S. 87° 12' W.	19.69	0.96	19.67
194.91		66.39	48.98
66.34		66.34	48.98
.05			.05

$$\text{Error closure} = \frac{V}{\text{Total}} = \frac{.05}{194.91}$$

There being no officer qualified to administer oaths within a reasonable distance I administer oaths of assent in my official capacity.

Any discrepancy between these field notes and those of the listing survey are due to error in the latter.

W.A. [Signature]
 Forest Service Surveyor.

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, July 11, 1914.

The foregoing field notes of Homestead Entry Survey No.

91,

J. M. Cook,

executed by W. H. Finigan, Forest Service Surveyor
under his special instructions, dated August 12, 1913,
having been critically examined, and the necessary correc-
tions and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

Frank S. Ingalls
U. S. Surveyor General.

I certify that the foregoing transcript of the field
notes of the above-described survey in Arizona,
has been correctly copied from the original notes on file in
this office.

Frank S. Ingalls
U. S. Surveyor General.

APPENDIX

Office of the United States Secretary General

The following is a list of names of persons who have been

[Faint, illegible text, likely a list of names]

[Faint, illegible text, likely a list of names]

[Faint, illegible text, likely a list of names]