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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

255

JAN 20 1919

MAR 26 1920

JUN 12 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 520

SITUATED IN THE CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 14 , unsurveyed, Township 19 S., Range 31 E.
In Section 15 , unsurveyed, Township 19 S., Range 31 E.
In Section 22 , unsurveyed, Township 19 S., Range 31 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing Bufford Ward,
Residence Rodeo, New Mexico
Application No. 106 , dated January 22 , 1913
List No. 3-2726 , dated August 7 , 1913

Applicant for survey Raymond M. Roush,
Residence Rodeo, New Mexico
H. E. No. 026411 , dated January 4 , 1915
Office
Land District Phoenix, Arizona

Survey executed by Lee C. Daves, Surveyor - Forest Service
[Forest Service Title.]
Under special instructions dated March 28 , 1917
Survey commenced August 18 , 1917
Survey completed August 21 , 1917

Under Acts of June 11, 1906 and March 4, 1917



OATH OF ASSISTANTS

We hereby certify that we assisted **Lee C. Daves,**
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **520**, 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.

Billy Pence, Chairman

Subscribed and sworn to before me this **21st.** day of **August**, 19 **17**.

Lee Daves

Surveyor - Forest Service

OATH OF SURVEYOR

I, **Lee C. Daves,** **Surveyor - Forest Service**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for **Arizona**, dated **March 28**, 19 **17**, 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. **3-2726**, dated **August 7**, 1913, for **Patent**, under the Act of **June 11**, 1906, the same to be known as Homestead Entry Survey No. **520**, situated within the **Coronado** National Forest, in **unsurveyed Section 14**, Township **19 S.**, Range **31 E.**, and **unsurveyed Section 15**, Township **19 S.**, Range **31 E.**, and **unsurveyed Section 22**, Township **19 S.**, Range **31 E.**

of the **Gila & Salt River Base &** 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.

Lee Daves

Surveyor - Forest Service

[Forest Service Title.]

Subscribed and sworn to before me this **twenty-first** day of **December**, 19 **18**.

Ethel G. Myers

Notary Public.

My Commission expires **March 17, 1921.**



CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Bufford Ward; Application No. 106, dated January 22, 1913; List No. 3-2726, dated August 7, 1913; H. E. 026411, made in the Phoenix Land Office on January 4, 1915 by Raymond M. Roush.

Surveyed under special instructions from the Surveyor General for Arizona, dated March 28, 1917, and designated as Homestead Entry No. 520.

Situated in what will probably be, when surveyed, Secs. 14, 15, and 22, T. 19 S., R. 31 E., Gila and Salt River Base and Meridian, Coronado National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1917.

Survey commenced August 18, 1917, and executed with a Buff and Buff transit No. 9703, 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.

August 18, 1917.

At Cor. No. 1, hereinafter described, Lat. $31^{\circ} 46' 33''$ N., Long. $109^{\circ} 09' 12''$ W., from U. S. G. S. Advance Sheet of the Chiricahua Quadrangle, I observe Polaris at E. Elong. at 9h. 46.1m. p.m., and mark the direction determined by two separate obsns. by stakes firmly set in the ground about 10.00 chs. Northwardly of my station.

Diff. bet. obsns. is $3/4$ inch.

August 18, 1917.

Chains August 19, 1917.

At 6:00 a.m. I lay off the azimuth of Polaris $1^{\circ}20' - 1/2'$ to the W. from the mean of the two points set last night and mark the meridian thus determined by a tack in a stake firmly set in the ground about 10.00 chs. North of my station.

From the meridian thus determined all the courses of this survey are deflected.

BOUNDARIES OF CLAIM

TRACT A

Beginning at Cor. No. 1.

Identical with Cor. H-5 of the list survey, which is a granite stone 8 x 5 x 10 ins. above ground, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a granite porphyry stone 4 x 4 x 2 ins. mkd. with a +, 14 ins. in the ground, over which set a granite porphyry stone 24 x 12 x 8 ins., chiseled + for the point, and 1 - H E S 520 on NW. face; and raise a mound of stone 4 ft. base, 2 ft. high, NW. of cor., whence:

A white oak, 14 ins. dia., brs. S. $46^{\circ} 10'$ W.,
36 lks. dist.

A white oak, 12 ins. dia., brs. N. $58^{\circ} 15'$ W.,
45 lks. dist.

Each mkd. 1 H E S 520 + B.T.

Cor. of Secs. 13, 18, 19 and 24; on W. bdy.

T. 19 S., R. 32 E., a granite stone 13 x 12 x 6 ins. above ground, mkd. and witnessed as described by the Surveyor General, brs. S. $79^{\circ} 00' 35''$ E., 151.17 chs. dist., by traverse which appears at the end of these notes.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains Lat. $31^{\circ}46'33''$ N. Long. $109^{\circ}09'12''$ W., from U.S. G.S. Advance Sheet of the Chiricahua Quadrangle.
Mag. decl. at 6:00 a.m. is $12^{\circ}30'$ E. Mean mag. decl. is $12^{\circ}28'$ E.

Thence S. $47^{\circ}50'$ W.

Asc. over rough mountainous land.

18.00 Top 100 ft. asc. Desc. 50 ft. to cor. along NW. slope.

88.00 To Cor. No. 2,

Identical with cor. H/6 of the list survey, which is a granite porphyry stone 12 x 5 x 10 ins. above ground, mkd. and witnessed as described by the Forest Service.

I destroy all trace of this list cor. Deposit a rhyolite stone 4 x 4 x 2 ins. mkd. with a + 20 ins. in the ground, over which set a granite porphyry stone 30 x 16 x 14 ins. chiseled + for the point and 2 HES 520 on NW. face; and raise a mound of stone 4 ft. base, 2 ft. high, NW. of cor.,

No witnesses available. Pits impracticable.

Thence S. $73^{\circ}50'$ W.

Asc. 40 ft. to cor. along N. slope.

3.20 Gulch 200 lks. wide, 20 ft. deep, course N.

14.10 To Cor. No. 3.

Point for cor. falls on a granite porphyry stone in place showing 9 x 8 x 7 ft. above ground. I chisel + for the point, 3 HES 520 on NE. face; and raise a mound of stone 4 ft. base, 2 ft. high NE. of cor.,

No witnesses available. Pits impracticable.

Cor. H/7 of the list survey, which is a granite stone 18 x 8 x 8 ins. above ground, mkd and witnessed as described by the Forest Service, brs. N. $0^{\circ}03'$ E., 4 lks. dist. I destroy all trace of this list cor.

Thence N. $0^{\circ}03'$ E.

On W. bdy. of claim. Desc. 70 ft. to cor. at foot of

HOMESTEAD ENTRY SURVEY NO. 520

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains.

steep N. slope.

2.26

To Cor. No. 4.

Deposit a rhyolite stone 5 x 3 x 3 ins. mkd. with a + 14 ins. in the ground, over which set a rhyolite stone 24 x 9 x 7 ins. chiseled + for the point, 4 HES 520 on SE. face, and raise a mound of stone 4 ft. base, 2 ft. high, SE. of cor., whence:

A black oak 7 ins. dia., brs. East, 6 lks.

dist. mkd. 4 HES 520 + B T.

No other witnesses available. Pits impracticable.

Cor. No. 15, hereinafter described, brs. N. 8°

40' W., 50 lks. dist.

Note: The center line method of laying down the boundaries of the road exception in this case was not used. It was impracticable to run out the road exception in accordance with the field notes of the list survey. I therefore locate the bdy's. of the exemption to conform to the intent of Forest Service; copy of a signed statement from the entryman agreeing to the change is attached at the end of these notes.

Thence N. 73° 30' E.

On S. bdy. of road exception. (Tract D)

7.18

To Cor. No. 5.

Deposit a granite porphyry stone 4 x 3 x 3 ins. mkd. with a + 15 ins. in the ground, over which set a granite porphyry stone 25 x 9 x 5 ins., chiseled + for the point and 5 HES 520 on SE. face; and raise a mound of stone 4 ft. base, 2 ft. high, SE. of cor., whence:

A black oak 8 ins. dia. brs. S. 62° 00' W.,

15 lks. dist., mkd. 5 HES 520 + B T.

No other witnesses available. Pits impracticable.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains
 Thence N. $47^{\circ} 59'$ E.
 On S. bdy. road exception. Over creek bottom.
 7.00 Dry wash, 40 lks. wide, 2 ft. deep, course N. 60° E.
 45.00 Enter dry wash, 40 lks. wide, 3 to 5 ft. deep, from SW.,
 course N. 48° E.
 52.00 Leave same wash, from S. 48° W., course N. 30° E.
 52.70 To Cor. No. 6.
 Deposit a granite porphyry stone 4 x 4 x 2 ins. mkd.
 with a +, 14 ins. in the ground, over which set a
 granite porphyry stone 24 x 8 x 5 ins. chiseled + for
 the point and 6 - H E S 520 on SE. face; and raise a
 mound of stone 4 ft. base, 2 ft. high, SE. of cor.
 No witnesses available. Pits impracticable.

Thence N. $15^{\circ} 40'$ E.
 On S. bdy. of road exception. Over creek bottom.
 0.40 Dry wash, 50 lks. wide, 3 ft. deep, course N. 30° E.
 25.10 Arroyo, 8 lks. wide, 2 ft. deep (dry), course SE.
 26.64 To Cor. No. 7.
 Deposit an andesite stone 6 x 4 x 4 ins. mkd. with a
 +, 14 ins. in the ground, over which set a granite
 porphyry stone 24 x 10 x 7 ins., chiseled + for the
 point and 7 - H E S 520 on SE. face; and raise a mound
 of stone 4 ft. base, 2 ft. high, SE. of cor., whence:
 A black oak 6 ins. dia., brs. N. $60^{\circ} 10'$ E.,
 32 lks. dist., mkd. 7 H E S 520 + B T.
 No other witnesses available. Pits impracticable.

Thence East,
 On S. bdy. road exception. Over level creek bottom.
 14.20 Arroyo, 50 lks. wide, 1 ft. deep (dry), course N. 60° E.
 25.62 To Cor. No. 8.
 Deposit an andesite stone 4 x 3 x 3 ins. mkd. with

Chains a +, 14 ins. in the ground, over which set a granite porphyry stone 24 x 10 x 9 ins., chiseled + for the point and 8 - H E S 520 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high, SW. of cor., whence:

A black oak 10 ins. dia., brs. S. 70° 50' E.,
91 lks. dist.

A black oak 7 ins. dia., brs. S. 44° 45' W.,
43 lks. dist.

Each mkd. 8 H E S 520 + B T

Thence S. 0° 32' W.

2.14 To Cor. No. 1 and point of beginning.

August 19, 1917.

August 20, 1917.

TRACT B.

Beginning at Cor. No. 9

On N. bdy. of road exception.

Deposit an andesite stone 6 x 5 x 2 ins. mkd. with a

+ , 14 ins. in the ground, over which set a granite

porphyry stone 24 x 10 x 8 ins., chiseled + for the

point and 9 - H E S 520 on NW. face; and raise a mound

of stone 4 ft. base, 2 ft. high, NW. of cor., whence:

A black oak, 4 ins. dia., brs. N. 82° 05' E.,

66 lks. dist.

A black oak, 4 ins. dia., brs. N. 57° 55' W.,

21 lks. dist.

Each mkd. 9 H E S 520 + B T

Cor. No. 8, heretofore described, brs.

S. 0° 32' W., 50 lks. dist.

Thence West.

10.05 Arroyo, 50 lks. wide, 1 ft. deep (dry) course N. 60° E.

25.98 To Cor. No. 10.

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STATE OF ARIZONA

Chains

Deposit a granite porphyry stone 5 x 5 x 3 ins. mkd. with a +, 1 1/4 ins. in the ground, over which set a granite porphyry stone 24 x 10 x 7 ins., chiseled + for the point and 10 - H E S 520 on NW. face; and raise a mound of stone 4 ft. base, 2 ft. high, NW. of cor., whence:

A black oak, 4 ins. dia., brs. N. 21° 05' E.,
22 lks. dist.

A black oak, 6 ins. dia., brs. S. 52° 05' W.,
21 lks. dist.

Each mkd. 10 H E S 520 + B T.

Thence S. 15° 40' W.

On N. bdy. of road exception.

0.20 Arroyo, 8 lks. wide, 2 ft. deep, course SE.

26.85 To Cor. No. 11.

Point for cor. falls on a granite porphyry boulder in place on rocky point showing 4 x 3 x 3 ft. above ground. I chisel boulder + for the point and 11 - H E S 520 on NE. face; and raise a mound of stone 4 ft. base, 2 ft. high, NE. of cor., whence:

A black oak, 10 ins. dia., brs. N. 31° 40' E.,
89 lks. dist., mkd. 11 H E S 520 + B T

No other witnesses available. Pits impracticable.

Cor. H-2 of the list survey, a granite porphyry stone 22 x 10 x 10 ins. above ground, mkd. and witnessed as described by the Forest

Service, brs. N. 4° W., 3 lks. dist. I destroy all trace of this list cor.

Thence N. 8° 15' W.

Asc. 60 ft. along W. slope.

22.00 Top asc. Desc. 70 ft. abruptly into canyon.

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STATE OF ARIZONA

Chains
25.00 Bottom arroyo, 10 lks. wide, 3 ft. deep (dry) in bed
of canyon, course E. Asc. 90 ft. to cor.

38.57 To Cor. No. 12.
Identical with Cor. H-3 of the list survey, which is a
conglomerate stone 12 x 8 x 14 ins. above ground, mkd.
and witnessed as described by the Forest Service. I
destroy all trace of this list cor. Deposit a rhyolite
stone 4 x 2 x 2 ins. mkd. with a +, 14 ins. in the
ground, over which set a rhyolite stone 24 x 10 x 10
ins. chiseled + for the point and 12 - H E S 520 on
SE. face; and raise a mound of stone 4 ft. base, 2 ft.
high, SE. of cor., whence:
A juniper 5 ins. dia., brs. S. 12° 15' E.,
38 lks. dist., mkd. 12 H E S 520 + B T
A black oak, 2 ins. dia., brs. N. 1° 50' W.,
24 lks. dist. Too small to mark.
No other witnesses available. Pits imprac-
ticable.

Thence S. 83° 35' E.
Desc. 110 ft. along S. slope to cor.

39.10 To Cor. No. 13.
Point for cor. falls on a granite porphyry boulder in
place showing 60 x 40 x 36 ins. above ground. I chis-
el boulder + for the point and 13 - H E S 520 on SW.
face; and raise a mound of stone 4 ft. base, 2 ft. high,
SW. of cor.
No witnesses available. Pits impracticable.
Cor. H-4 of the list survey, which is a granite
stone 12 x 8 x 15 ins. above ground, mkd. and
witnessed as described by the Forest Service,
brs. N. 78° 19' W., 5 lks. dist. I destroy

CORONADO NATIONAL FOREST

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Chains

all trace of this list cor.

Thence S. $0^{\circ} 32'$ W.

Desc. 20 ft. abruptly.

0.90 Bottom desc. Dry wash, 60 lks. wide, 1 ft. deep,
course E.

7.94 To Cor. No. 9, and point of beginning.

August 20, 1917.

August 21, 1917.

Tract C.

Beginning at Cor. No. 11.

Thence S. $47^{\circ} 59'$ W.49.20 On N. bdy. road exception. Along N. bank of dry wash.
Dry wash, 40 lks. wide, 2 ft. deep, course N. 60° E.

52.49 To Cor. No. 14.

Deposit a granite porphyry stone 6 x 5 x 2 ins. mkd.
with a +, 14 ins. in the ground, over which set a granite porphyry stone 24 x 9 x 7 ins., chiseled + for the point and 14 - H E S 520 on NW. face; and raise a mound of stone 4 ft. base, 2 ft. high, NW. of cor., whence:

A windmill brs. N. $6^{\circ} 25'$ E., 62 lks. dist.SE. cor. frame stable brs. S. $76^{\circ} 02'$ W.,

219 lks. dist.

No other witnesses available. Pits impracticable.

Thence S. $73^{\circ} 30'$ W.

On N. bdy. road exception.

7.30 To Cor. No. 15.

Deposit a granite porphyry stone 4 x 2 x 2 ins. mkd.
with a +, 20 ins. in the ground, over which set a granite porphyry stone 30 x 16 x 4 ins., chiseled +

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

for the point, 15 - H E S 520 on NE. face; and raise a mound of stone 4 ft. base, 2 ft. high, NE. of cor.

No witnesses available. Pits impracticable.

Cor. No. 4 of this claim, heretofore described,

brs. S. $8^{\circ} 40' E.$, 50 lks. dist.

Thence N. $0^{\circ} 14' W.$

2.38 Dry wash, 40 lks. wide, 2 ft. deep, course N. $75^{\circ} E.$

2.78 Asc. 160 ft. to cor. on steep S. slope.

4.38 To Cor. No. 16.

Identical with cor. H-1 of the list survey, which is a granite porphyry boulder in place showing 40 x 32 x 14 ins. above ground, mkt. and witnessed as described by the Forest Service. I destroy all marks pertaining to the list surveys, and chisel same boulder + on top, 16 - H E S 520 on SE. face, and raise a mound of stone 4 ft. base, 2 ft. high, SE. of cor.

No witnesses available. Pits impracticable.

Thence N. $54^{\circ} 31' E.$

Desc. 50 ft. along S. slope to cor. at foot.

56.46 To Cor. No. 11, and point of beginning.

H. E. S. No. 519, covering List 3-2612, which joined this survey on the SW., was made by me on August 18, 1917. This list however, was revoked by the Commissioner of the General Land Office under date of June 11, 1919, and Entry Survey cancelled on June 20, 1919. All corners and witnesses of H. E. S. 519 were subsequently destroyed.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

AREA

Area of Tract A, - - - - - 71.28 Acres.
 Area of Tract B, - - - - - 52.46 Acres.
 Area of Tract C, - - - - - 18.37 Acres.
 Total Area - - - - - 142.11 Acres.
 Area of Tract D, (Unlisted area, road excep) 4.71 Acres.

IMPROVEMENTS

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

A frame house, 18 x 24 ft., the long side extending E. and W., and the NW. cor. of which
 brs. S. 85° 30' E., 562 lks. dist. from Cor.
 No. 14.

Value - - - - - \$ 500.00

A windmill and well, 20 ft. deep, 12 ft. water,
 middle of which brs. N. 6° 25' E., 62 lks.
 dist. from Cor. No. 14.

Value - - - - - \$ 300.00

A frame stable 14 ft. square, the SE. cor. of
 which brs. S. 76° 02' W., 219 lks. dist.
 from Cor. No. 14.

Value - - - - - \$ 300.00

A windmill and well, 20 ft. deep, 12 ft. water,
 the middle of which brs. N. 78° 05' W.,
 188 lks. dist. from Cor. No. 14.

Value - - - - - \$ 300.00

An earth storage tank, 150 x 60 ft., the long
 side extending E. and W., the center of
 which brs. N. 62° W., 90 lks. dist. from
 Cor. No. 14.

Value - - - - - \$ 200.00

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

DESCRIPTION

The claim is situated in Horseshoe Canyon. The land includes all level creek bottom. Some rough side hills are also included to avoid unnecessary corners. Water for domestic purposes is obtained from a well near the house. About 5 acres are in cultivation.

There is no timber or indications of mineral upon the land.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts.

Rodeo, New Mexico, about 12 miles by wagon road in a NE. direction, is the nearest post office and railroad point.

TRACT A

TRAVERSES

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 47° 50' W.	88.00		59.07		65.23
2-3	S. 73° 50' W.	14.10		3.93		13.54
3-4	N. 0° 03' W.	2.26	2.26			
4-5	N. 73° 30' E.	7.18	2.04		6.88	
5-6	N. 47° 59' E.	52.70	35.27		39.15	
6-7	N. 15° 40' E.	26.64	25.65		7.19	
7-8	East	25.62			25.62	
8-1	S. 0° 32' W.	2.14		2.14		0.02
		218.64	65.22	65.14	78.84	78.79
			65.14		78.79	
	Error in Lat. and Dep.		.08		.05	
	Closing Error, 1:2318					

TRACT B

Cor.	Course	Dist.	N.	S.	E.	W.
9-10	West	25.98				25.98
10-11	S. 15° 40' W.	26.85		25.85		7.25
11-12	N. 8° 15' W.	38.57	38.17			5.53
12-13	S. 83° 35' E.	39.10		4.37	38.86	
13-9	S. 0° 32' W.	7.94		7.94		0.07
		138.44	38.17	38.16	38.86	38.83
			38.16		38.83	
	Error in Lat. and Dep.		.01		.03	
	Closing Error, 1:4378					

TRACT C

Cor.	Course	Dist.	N.	S.	E.	W.
11-14	S. 47° 59' W.	52.49		35.13		39.00
14-15	S. 73° 30' W.	7.30		2.07		7.00
15-16	N. 0° 14' W.	4.38	4.38			0.02
16-11	N. 54° 31' E.	56.46	32.77		45.97	
		120.63	37.15	37.20	45.97	46.02
				37.15		45.97
	Error in Lat. and Dep.		.05		.05	
	Closing Error, 1:1706.					

CORONADO NATIONAL FOREST

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Chains

Tie from cor. No. 1 to Cor. Secs. 13, 18, 19
and 24, on W. bdy. T. 19 S., R. 32 E.

Course	Dist.	N	S	E	W
N. 70° 45' E.	27.20	8.97		25.68	
S. 81° 45' E.	124.00		17.79	122.72	
South	20.00		20.00		
		8.97	37.79	148.40	0.00
			8.97	0.00	
			28.82	148.40	

Tie is S. 79° 00' 35" E., 151.17 chs.

Survey completed August 21, 1917.

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

Lucas

Surveyor - Forest Service

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. 520, STATE OF ARIZONA

S-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
TRACT A											
1-2	S. 47° 50' W	88.00 ✓		59.07 ✓		65 23 ✓	92 33 ✓			5456 70 ✓	
2-3	S. 73° 50' W	14.10 ✓		3.93 ✓		13 54 ✓	13 54 ✓			53 35 ✓	
3-4	N. 0° 03' W	2.26 ✓	2 26 ✓				0 00 ✓				
4-5	N. 73° 30' E	7.18 ✓	2 04 ✓		6 88 ✓		6 88 ✓	14 04 ✓			
5-6	N. 47° 59' E	52.70 ✓	35 27 ✓		39 15 ✓		52 90 ✓	1864 73 ✓			
6-7	N. 15° 40' E	26.64 ✓	25 65 ✓		7 19 ✓		99 22 ✓	2543 01 ✓			
7-8	East	25.62 ✓			25 62 ✓		132 01 ✓				
8-1	S. 0° 32' W	2.14 ✓		2 14		02 ✓	157 60 ✓			337 26 ✓	
		218.64 ✓	65 22 ✓	65 14 ✓	78 84 ✓	78 79 ✓		4421 78 ✓		5847 31 ✓	
			65 18	65 18	78 81	78 81				4421 78	
										20/ 1425 53	
										71 28 acres. ET	
Closing error 1:2318 ✓											

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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.

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. I. 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. 520, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
Tract B.											
9-10	West	25.98				25 98	51 58				
10-11	S. 15° 40' W.	26.85		25 85		7 25	18 34			474 09	
11-12	N. 8° 15' W.	38.57	38 17	4 38	28 85	5 53	5 54	211 46			
12-13	S. 83° 35' E.	39.10		4 37	38 86		38 85			170 16	
13-9	S. 0° 32' W.	7.94		7 94		07	77 63			616 38	
		138.44	38 17	38 16	38 86	38 83		211 46		1260 63	
			<i>38 17</i>	<i>38 17</i>	<i>38 85</i>	<i>38 85</i>				211 46	
								20		<u>1049 17</u>	
										52. 46	Acres
	Closing error:	1:4378									

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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.

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.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 520, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
TRACT C									
11-14	S. 47° 59' W	52.49		35 13		39 00	53 02		1861 53
14-15	S. 73° 30' W	7.30		2 07		7 00	7 04		14 57
15-16	N. 0° 14' W	4.38	4 38		46 00	02	02		09
16-11	N. 54° 31' E	56.46	32 77		45 97		46 00	1508 80	
		120.63	37 15	37 18	46 00	46 00		1508 80	
			05	37 20	45 97	46 02		1508 80	1876 19
					05				1508 80
									20/ 367 39
									18 37 acres.
	Closing error	1.1706							
	S 8° 40' E	.50		49		08	08		04
	N 73° 30' E	7.18	2 04		6 88		7 04	14 36	
	N 47° 59' E	52.70	35 27		39 15	39.23	53 15	1876 20	
	N 15° 40' E	26.64	25 65		7 19	7.23	99 61	2555 99	
	East	25.62			25 62	25.63	132 49		
	N 0° 32' E	.50	50				158 14	79 07	
	West	25.98					25 98	25.94	132 20
	S 15° 40' W	26.85		25 85		7 21	99 05		559 45
	S 47° 59' W	52.49		35 13		39 00	53 02		1857 49
	S 73° 30' W	7.30		2 07		7 00	7 00		14 49
		225.71	63 46	63 54	78 92	79 23		4525 62	4431 43
				46		78 92		4431 43	
			50	50		31		20/ 194 19	
	Closing error	1.705						470	

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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.
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 The corrections for balancing fallings should be proportional to the lengths of the lines.
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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 520, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
TRACT D - ROAD EXCEPTION												
15 - 14	N. 73-30 E.	7.30	2 07		6 99 7 00		6 99		14 47			
14 - 11	N. 47-59 E.	52.49	35 13		38 93 39 00		52 91		1857 67			
11 - 10	N. 15-40 E.	26.85	25 85		7 25 7 25		99 05		2558 46			
10 - 9	East	25.98			25 98		132 20					
9 - 8	S. 0-32 W.	50.50		50			158 14				79 07	
8 - 7	West	25.62					25 62 25 62		132 48			
7 - 6	S. 15-40 W.	26.64		25 65			7 19 7 19		299 59		2556 48	
6 - 5	S. 47-59 W.	52.70		35 27			39 15 39 15		53 13		1874 96	
5 - 4	S. 73-30 W.	7.18		2 04			6 88 6 88		7 01		14 30	
4 - 15	N. 8-40 W.	0.50	49				06	06		03		
		225.76	63 54 63 46	63 46 63 50	79 23 78 90	78 90 79 07			4430 63		4524 81 4430 63	
	Error in Lat. and Dep.		08		33						20/ 94 18	
	Closing Error, 1:664										4 709 Acres	
											4 71	

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6/9/20.

I, R. M. Roush, hereby agree to the survey of my homestead number 520 as made on Aug. 21, 1917, by Forest Service Surveyor Lee C. Daves, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry I will apply for amendment of the same to conform with said survey.

(Sgd) Edward H. Pool

Witness

(Sgd) R. M. Roush

Claimant

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6/9/20.

I, R. M. Roush, hereby agree to the survey of my homestead number 520 as made on Aug. 21, 1917, by Forest Service Surveyor Lee C. Daves, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry I will apply for amendment of the same to conform with said survey.

(Sgd) Edward H. Pool
Witness

(Sgd) R. M. Roush
Claimant

Edward H. Pool

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 10, 1920

The foregoing field notes of Homestead Entry Survey No.

520

executed by Lee C. Daves, Surveyor, [Forest Service Title.]
under his special instructions, dated March 28, 1917, 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.