U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 517
SITUATED IN THE
COCONINO NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 7, surveyed, Township 15 N, Range 10 E.

of the
GILA AND SALT RIVER BASE & Meridian,
State of
ARIZONA

Applicant for listing

Residence

Application No. 556, dated February 25, 1916
List No. 3-3777, dated May 4, 1916

Frank L. Herron,
Camp Verde, Arizona.

Applicant for survey

Residence

H. E. No. 030621, dated August 21, 1916

Frank L. Herron,
Camp Verde, Arizona.

Land Office: Phoenix, Arizona.

Survey executed by A. W. Hendrix, Surveyor-Draftsman, Forest Service
[Forest Service Title]

Under special instructions dated March 10, 1917

Survey commenced May 16, 1919

Survey completed May 20, 1919


[OVER]
We hereby certify that we assisted A. W. Hendrix, Surveyor-Draftsman, Forest Service, in surveying all those parts or portions of Homestead Entry Survey No. 517, 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 oath to Assistant; hence, it was taken by the Surveyor.

Subscribed and sworn to before me this 20th day of May, 1919.

A. W. Hendrix
Surveyor-Draftsman, Forest Service

OATH OF SURVEYOR

I, A. W. Hendrix, Surveyor-Draftsman, Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated March 10, 1917, 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. 3-2777, dated May 4, 1916, for Patent under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 517, situated within the Ocochino National Forest, in surveyed Section 7 Township 16 N., Range 10 E., and surveyed Section --- Township --- Range ---

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

A. W. Hendrix
Surveyor-Draftsman, Forest Service

Subscribed and sworn to before me this 12th day of February, 1920.

J. B. Holleman
Notary Public
" seal"

Surveyed under special instructions from Surveyor General of Arizona, dated March 10, 1917, and designated as Homestead Entry Survey No. 517.

Situated in Sec. 7, T. 15 N., R. 10 E., (surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

Surveyed under Acts of June 11, 1906 and October 1, 1918.

Survey commenced May 16, 1919, and executed with a Duff and Duff transit No. 10530, equipped with a Smith solar attachment.

I tested the adjustments of the transit and made necessary corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a 400 link steel tape. The slope angles were determined with a clinometer.

May 16, 1919.

At the corner of Secs. 7, 12, 13 and 18, T. 15 N., R. 9 and 10 E., hereinafter described, in Latitude 34° 41' 40" N., Longitude 111° 20' 29" W., from Forest Service Base map. At 6h. 39.6m., P.M., L.M.T., I observe Polaris with telescope direct, reading an angle of 5° 18' 30" from star to right to reference mark about one mile distant.

Greenwich m.t., U.C. Polaris, May 16, 1919, 9h. 58.5m., L.M.T.

Correction for longitude: 1.2m
HOMESTEAD ENTRY SURVEY NO. 517
COCOMINO NATIONAL FOREST
STATE OF ARIZONA

Chains

1.m.t. U.C. Polaris, May 16, 1919, 9h. 57.3m. a.m.
1.m.t. obsn. Pol., May 16, 1919, 3h. 39.6m. p.m.

Hour Angle
9h 42.3m.

Azimuth of Polaris at observation, N. 1° 01' 35" W.
Bearing of reference mark, N. 5° 16' 54" E.

At the same station at 9h. 57.3m., p.m., 1.m.t., I again observe Polaris with telescope reversed, reading an angle of 6° 17' from star to right to same reference mark.

1.m.t. U.C. Polaris, May 16, 1919, 9h. 57.3m. a.m.
1.m.t. obsn. Pol., May 16, 1919, 9h. 47.4m. p.m.

Hour Angle
9h. 50.1m.

Azimuth of Polaris at observation, N. 0° 28' 48" W.
Bearing of reference mark, N. 5° 17' 12" E.

The mean bearing of the reference mark as determined from the two observations is N. 5° 17' 05" E., I accept bearing of reference mark as N. 5° 17' E. and to the meridian thus determined all courses of the survey were referred by sustained angulation.

May 15, 1919.

May 17, 1919.

RETRACING

Beginning at the cor. of Secs. 7, 12, 13 and 18, T. 15 N., R. 9 and 10 E., which is a post 4 1/2 ins. square and 18 ins. above ground, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed. Therefore I destroy all trace of same and in its place set a malpais stone 8 x 10 x 29 ins. in mound of stone mkd. with 4 notches on S. and 2 notches on N. faces;

Thence S. 86° 54', E. . . .
Retracing line bet. Secs. 7 and 18, W/2.
<table>
<thead>
<tr>
<th>Chains</th>
<th></th>
</tr>
</thead>
</table>
| 39.75  | Fall 24-1/2 lms. S. 0° 06' W. of 1/4 cor. bet. Secs. 7 and 18, which is a post 3 ins. dia., 24 ins. long, loosely set in mound of stone, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a limestone 8 x 14 x 18 ins. mkd. 1/4 on N. face in mound of stone. Thence S. 89° 45' W. On true line, bet. Secs. 7 and 18, W/2. 20.43 Set temp. point for 1/16 cor., determined from the following proportion: 33.02 : 33.75 :: 20.00 : x = 20.43. 39.75 Cor. of Secs. 7, 12, 13 and 18, previously described. Return to 1/4 cor. bet. Secs. 7 and 18, previously described. Thence S. 89° 54' E. Retracing line bet. Secs. 7 and 18, E/2. 40.05 Fall 4 lms. S. 0° 06' W. of point for cor. of Secs. 7, 8, 17 and 18, which is described by the Surveyor General as a post with mkd. stone, mkd. and notched, with pits and mound of earth and four bearing trees. The post is missing and I find no trace of pits and mound but find the four witness trees mkd. as described by the Surveyor General. From the call of the four witness trees, I restore the sec. cor. as follows: Set a sandstone 4 x 10 x 16 ins. (no larger stone available), mkd. with four notches on S. and 5 notches on E. faces, in mound of stone. True bearing of line S. 39° 57' E., 40.05 chs.
Chains

Retracing line bet. Secs. 7 and 8, S/2.

40.06 Fall 2 lbs. E. of 1/4 cor. bet. Secs. 7 and 8, which is a post 3 ins. dia., 18 ins. long, loosely set in mound of stone, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a malpais stone 8 x 10 x 18 ins. (no larger stone available), mkd. 1/4 on W. face, in mound of stones.

True bearing of line, W. 0° 02' W, 40.06 chs.

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Chains

Retracing line bet. Secs. 7 and 8, W/2.

40.08 Fall 9 lbs. E. of cor. of Secs. 5, 6, 7 and 8, which is a post 4 ins. dia., mkd. and witnessed as described by the Surveyor General, loosely set in mound of stones.

Old post is badly decayed; therefore, I destroy all trace of same and in its place set a granite stone 6 x 6 x 2½ ins. mkd. with 5 notches on S. and 5 notches on E. faces.

True bearing of line, N. 0° 08' W, 40.08 chs.

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Chains

Retracing line bet. Secs. 6 and 7, E/2.

40.06 Fall 18-1/2 lbs. N. 0° 10' E. of 1/4 cor. bet. Secs. 6 and 7, which is a malpais stone 5 x 5 x 8 ins. above ground, mkd. and witnessed as described by the Surveyor General.

True bearing of line, S. 89° 54' W, 40.06 chs.

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Chains

Retracing line bet. Secs. 6 and 7, W/2
Chains 39.77

Fall 12-1/2 lms. S. 0° 10' W. of cor. of Secs. 1, 6, 7 and 12, which is a post 5 ins. dia., mkd. and witnessed as described by the Surveyor General, loosely set in mound of stone. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a malpais stone 6 x 4 x 24 ins. mkd. with 5 notches on S. and 1 notch on N. faces in mound of stone.

True bearing of line, N. 89° 39' W., 39.77 chs.

May 17, 1919.

May 19, 1919.

Thence South,

Retracing line bet. Secs. 7 and 12, N/2.

40.13 Fall 1 lms. W. of 1/4 cor. bet. Secs. 7 and 12, which is a post mkd. and witnessed as described by the Surveyor General, loosely set in mound of stone. Old post is badly decayed, therefore, I destroy all trace of same and in its place set a malpais stone 8 x 16 x 20 ins. mkd. with 1/4 on W. face, in mound of stone.

True bearing of line, S. 0° 01' E., 40.13 chs.

Thence South,

Retracing line bet. Secs. 7 and 12, S/2.

40.23 Fall 16 lms. W. of cor. of Secs. 7, 12, 13 and 16, heretofore described.

Thence N. 0° 14' W.

On true line bet. Secs. 7 and 12, S/2.

50.115 Set temp. point for 1/16 cor.

40.23 The 1/4 cor. bet. Secs. 7 and 12, heretofore described.
HOMESTEAD ENTRY SURVEY NO. 517
COCHINO NATIONAL FOREST
STATE OF ARIZONA

Chains

SUBDIVISION OF SEC. 7.
Beginning at 1/4 cor. bet. Secs. 6 and 7, heretofore described.

Thence S. 0° 06' E.

On random meridional 1/4 sec. line through center of Sec.

79.96 Intersect sec. line bet. secs. 7 and 18, at a point from which the 1/4 cor. brs. N. 69° 46' E., 5 lks. dist.

Thence W. 0° 08' W.

On true meridional 1/4 sec. line, through center of Sec. 7.

19.99 Set temp. 1/16 point.

39.98 Set temp. point for center of Sec. 7.

79.96 The 1/4 cor. bet. Secs. 6 and 7, heretofore described.

From the 1/4 cor. bet. Secs. 7 and 12, heretofore described.

Thence S. 89° 57' E.

On random latitudinal 1/4 sec. line through center of Sec. 7.

39.76 Intersect meridional 1/4 sec. center line.

79.95 Intersect the sec. line bet. secs. 7 and 6, at a point from which the 1/4 cor. brs. N. 0° 08' W., 7 lks. dist.

Thence West.

On true latitudinal 1/4 sec. line, through center of Sec. 7.

40.19 Intersect meridional 1/4 sec. line through center of section, N. 0° 08' W., 7 lks. from temp. point previously set for center 1/4 cor.

I move temp. point to this intersection.

From this point the 1/4 cor. bet. secs. 6 and 7, heretofore described, brs. N. 0° 08' W., 39.91 chs. dist. and the 1/4 cor. bet. secs. 7 and 18, heretofore de-
<table>
<thead>
<tr>
<th>Chains</th>
<th>scribed, brs. S. 0° 08' E., 40.05 chs. dist. I move temp. point for 1/16 cor. on 3/2 or 1/4 meridional sec. line, N. 0° 08' W., 3-1/2 lks.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60.66 Set proportional temp. point for 1/16 cor. derived from the following proportion: 38.906 : 39.76 : : 20.00</td>
</tr>
<tr>
<td></td>
<td>: X = 20.44</td>
</tr>
<tr>
<td></td>
<td>79.96 The 1/4 cor. bet. Secs. 7 and 12, heretofore described.</td>
</tr>
</tbody>
</table>

From temp. point for 1/16 cor. on line bet. secs. 7 and 12, S/2.

Thence East,

On random latitudinal 1/16 line through center of SW/4,

39.77 Intersect meridional 1/4 sec. line through center of Sec., S. 0° 08' E., 9 lks. from temp. 1/16 point.

Thence S. 89° 32' W., on true latitudinal 1/16 line, through center of SW/4.

20.44 Set proportional temp. 1/16 point for center of SW/4, derived from following proportion:

38.91 : 39.77 : : 20.00 : X = 20.44

39.77 The temp. 1/16 point on line bet. secs. 7 and 12, S/2.

From temp. 1/16 point on latitudinal 1/4 sec. line, through center of Sec. W/2.

Thence S. 0° 08' E.

On random meridional 1/16 line through center of SW/4.

20.06 Intersect latitudinal 1/16 line.

40.16 Intersect line bet. secs. 7 and 16, S. 89° 45' W., 3 lks. from temp. 1/16 point.

Thence N. 0° 11' W.

On true meridional 1/16 line through center of SW/4.

20.10 Intersect latitudinal 1/16 line, N. 89° 52' E., 1 lk. from temp. 1/16 cor. I move temp. point to this intersection. From this point the temp. 1/16 point
<table>
<thead>
<tr>
<th>Chains</th>
</tr>
</thead>
<tbody>
<tr>
<td>on the meridional 1/4 sec. line 62° 52' B., 20.42 chs. dist. and the temp. 1/16 point on line bet. secs. 7 and 12, 2/3, bns. 2, 62° 52' B., 19.34 chs. dist. 40.16 The temp. 1/16 point on latitudinal 1/4 sec. line.</td>
</tr>
</tbody>
</table>

May 19, 1919.

May 20, 1919.

**BOUNDARIES OF CLAIM.**

Beginning at Cor. No. 1.

Identical with 1/4 cor. bet. secs. 7 and 18, heretofore described. Also identical with cor. H-3 of the list survey, which is a limestone 8 x 10 x 16 ins. set in mound of stone, alongside of 1/4 cor. and maked and witnessed as described by the Forest Service. I destroy all trace of this list cor. I chisel a + on top of stone set for 1/4 cor. for true point for Cor. No. 1 of this survey, and alongside to the NW. deposit a limestone 5 x 4 x 6 ins. maked with a + 10 ins. in the ground, over which set a limestone 5 x 8 x 22 ins. (no larger stone available) maked. 1 H E S 517 on side facing claim, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, within claim, whence from core:

A pine 20 ins. dia., bns. N. 3° 37' E., 122 lks. dist.

A pine 26 ins. dia., bns. N. 44° 15' E., 94 lks. dist.

Each blazed and scribed 1 H E S + 517 B T. Lat. 34° 41' 40" N., Long. 111° 19' 50" W., from Forest Service Base map.

Mag. decl. at 8 a.m., 15° 00' E. Mean mag. decl., 14° 57' E.

Thence S. 89° 45' W.

Descend 10 ft. to cor. over rocky point along line bet.
Chains: Secs. 7 and 18, W/2.

4.00 Bottom of descent, thence over level bottom land,

12.75 Willow Valley, wash, 60 lbs. wide, course South.

19.02 To Cor. No. 2, and closing cor. on line bet. Secs. 7 and 18.

Deposit a limestone 2 x 6 x 6 ins. mkd. with a +, 14 ins. in the ground, over which set a limestone 6 x 10 x 25 ins. chiseled a + on top, 2 H E S 517 on NE. and C C on N. faces; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. 42° 02' E. of cor., thence:

A pine 16 ins. dia., brs. N. 35° 50' E.,

404 lks. dist.

A pine 16 ins. dia., brs. N. 8° 39' W.,

224 lks. dist.

Each blazed and scribed C C 2 H E S + 517 3 1

Cor. H-4 of the list survey, which is a limestone 4 x 10 x 15 ins., set in mound of stone, mkd. and witnessed as described by the Forest Service, brs. North, 23 lks. dist. I destroy all trace of this list cor.

Thence N. 47° 02' E.

Over level open land.

.40 Fence, brs. E. and W., enter cultivated field.

3.00 Leave cultivated field and ascend 10 ft. to cor. over rolling rocky East slope.

5.00 Enter scattered pine timber.

20.92 To Cor. No. 3.

Identical with Cor. H-3 of the list survey, which is a limestone 10 x 10 x 6 ins. above ground, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2 x 5 x 6 ins. mkd. with a +, 15 ins. in the ground, over which set a limestone 6 x 10 x 25 ins. chiseled
Chains

a + on top and 3 H.E.S 517 on site facing claim, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, East of cor., whence:

A pine 13 ins. dia., brs. N. 59° E.,
70 lks. dist.
A pine 24 ins. dia., brs. N. 6° E.,
08 lks. dist.
Each blazed and scribed 3 H.E.S + 517 B T

Thence West,
Ascend 20 ft. to cor. over rocky SW. slope, through timber.

16.82 To Cor. No. 4.

On meridional 1/16 sec. line, through center SW/4
Deposit a limestone 3 x 4 x 8 ins. mkd. with a + 20 ins. in the ground, over which set a limestone 3 x 14 x 25 ins. chiseled + for the point and 4 H.E.S 517 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence:

A pine 24 ins. dia., brs. N. 60° 40' E.,
66 lks. dist.
A pine 16 ins. dia., brs. N. 15° 30' E.,
83 lks. dist.
Each blazed and scribed 4 H.E.S + 517 B T

Cor. H-6 of the list survey, a limestone 4 x 8 x 6 ins. above ground, mkd. and witnessed as described by the Forest Service, brs. N. 60° 00' E., 50 lks. dist. I destroy all trace of this list corner.

Thence N. Q° 11' W.
Along meridional 1/16 sec. line, through center SW/4.
<table>
<thead>
<tr>
<th>Chains</th>
<th>Descend 30 ft. to cor. over rocky NW. slope, through timber.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>Begin steep descent.</td>
</tr>
<tr>
<td>4.56</td>
<td>Fence, bears NE. and SW.</td>
</tr>
<tr>
<td>4.60</td>
<td>Bottom of steep descent, thence over level land,</td>
</tr>
<tr>
<td></td>
<td>Leave timber.</td>
</tr>
<tr>
<td>5.10</td>
<td>Willow valley wash, 30 lks. wide, course S. 60° 00' E.</td>
</tr>
<tr>
<td>5.61</td>
<td>Temp. point for 1/16 sec. cor., center SW/4.</td>
</tr>
<tr>
<td>7.67</td>
<td>To Cor. No. 5,</td>
</tr>
<tr>
<td></td>
<td>On meridional 1/16 sec. line, through center SW/4.</td>
</tr>
<tr>
<td></td>
<td>Deposit a malpais stone 3 x 5 x 5 ins. mkd. with a +,</td>
</tr>
<tr>
<td></td>
<td>18 ins. in the ground, over which set a malpais stone</td>
</tr>
<tr>
<td></td>
<td>10 x 10 x 24 ins. chiseled + for the point and 5 H E S</td>
</tr>
<tr>
<td></td>
<td>517 on side facing claim; raise a mound of stone 2 ft.</td>
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<tr>
<td></td>
<td>base, 1-1/2 ft. high, SB. or cor., thence:</td>
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<tr>
<td></td>
<td>A pine 50 ins. dia., brs. A. 5° 00' W., 229 lks. dist.</td>
</tr>
<tr>
<td></td>
<td>A pine 24 ins. dia., brs. S. 84° 05' W., 226 lks. dist.</td>
</tr>
<tr>
<td></td>
<td>Each blazed and scribed S H E S + B T</td>
</tr>
<tr>
<td></td>
<td>Cor. H-1 of the list survey, a limestone</td>
</tr>
<tr>
<td></td>
<td>6 x 9 x 15 ins. set in a mound of stone, mkd. and</td>
</tr>
<tr>
<td></td>
<td>witnessed as described by the Forest Service, brs. East,</td>
</tr>
<tr>
<td></td>
<td>50 lks. dist.</td>
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<tr>
<td></td>
<td>I destroy all trace of this list cor.</td>
</tr>
</tbody>
</table>

Thence S. 87° 48' E.

Over level open land.

3.00 | Fence, brs. NE. and SW. Fence cor. brs. NE., 20 lks.

From which fences bear SW. and East. Thence along foot of rolling South slope, in edge of timber. Ascend 10 ft. to cor. Fence parallels line outside claim.

30.15 | Fence, brs. N. 25° E. and S. 25° W. Cor. of fence brs.
Homestead Entry Survey No. 517
Coconino National Forest
State of Arizona

Chains

30.19

To Cor. No. 6.

Identical with Cor. H-E of the list survey, which is a post 4 x 4 x 36 ins. set in a mound of stone, mld. and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a malpais stone 5 x 4 x 7 ins. mld. with a +, 16 ins. in the ground, over which set a granite stone 10 x 14 x 22 ins. (no longer stone available), chiseled + for the point and 8 H.E.S 517 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., whence:


A pine 30 ins. dia., brs. N. 37° 15' E., 115 lks. dist.

Each blazed and scribed 8 H.E.S + 517 B T

Thence S. 24° 45' W.

Descend 5 ft. over open S. slope along E. side of fence, 1.20

Wash, 10 lks. wide, course West, bottom of descent, thence over level land.

20.00
Leave level land, ascend 5 ft. to cor. over rocky point

23.00
20 Cor. No. 1 and place of beginning.

Area

Area _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 41.72 Acres.

Improvements.

The improvements made on this claim and belonging to the claimant herein, consist of the following:

A well constructed log house 14 x 30 ft., the long sides extending E. and W., the NW.
HOMESTEAD ENTRY SURVEY NO. 527
COCONINO NATIONAL FOREST
STATE OF ARIZONA

Chains

Cor. of which bears S. 42° 50' E., 10.40
chs. dist. from Cor. No. 5.
Value — — — — — — — — $ 200.00

A dug well, 20 ft. deep, and 6 ft. dia., the
center of which bears S. 64° E., 10.00 chs.
dist. from cor. No. 5.
Value — — — — — — — — $ 100.00

Approximately 1 mile of wire fence, partly out-
side of claim.
Value — — — — — — — — $ 250.00

DESCRIPTION

This claim is located in an open flat surrounded by low
timbered hills. The soil is a rich loam and very
fertile. Good crops of small grain, hay and potatoes
are produced.

There is no permanent water for irrigation on claim
though water flows for a portion of the year in the
wash which traverses claim. The rainfall is depended
upon to raise the crops.

Approximately 16 acres were in cultivation at the time
of survey.

Water for domestic purposes is obtained from well on
claim.

There is a good stand of yellow pine on a small strip
of rocky ground, included in the claim, approximately
3 acres.

I saw no indication of mineral on the claim.
CONFLICTS AND ADJOINING CLAIMS

There are no conflicts.

The survey is joined on the West by legal subdivisonal portion of the claimant's entry No. 026823, embracing Lot. 3 of Sec. 7, and on the South by F. C. No. 359, issued to J. A. Dines, embracing the E/2 NW/4; E/2 SW/4; Section 16. Camp Verde, Arizona, the nearest postoffice and trading point is about 40 miles in a southwesterly direction.

**TRAVERSES**

<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>N.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. 89° 45' W.</td>
<td>19.02</td>
<td>.08</td>
<td>16.31</td>
<td>19.02</td>
<td></td>
</tr>
<tr>
<td>N. 47° 02' E.</td>
<td>20.92</td>
<td>14.26</td>
<td>16.32</td>
<td>16.82</td>
<td></td>
</tr>
<tr>
<td>West</td>
<td>16.82</td>
<td>7.87</td>
<td>7.87</td>
<td>.02</td>
<td></td>
</tr>
<tr>
<td>N. 0° 11' W.</td>
<td>30.19</td>
<td>1.16</td>
<td>30.17</td>
<td>30.17</td>
<td></td>
</tr>
<tr>
<td>S. 87° 46' E.</td>
<td>23.00</td>
<td>20.89</td>
<td>9.63</td>
<td>9.63</td>
<td></td>
</tr>
<tr>
<td>S. 24° 46' W.</td>
<td>22.13</td>
<td>22.13</td>
<td>45.48</td>
<td>45.48</td>
<td></td>
</tr>
</tbody>
</table>

Error in Lat. and Dep. 22.13 .00
Closing Error, 1.11762.

Survey completed May 20, 1919.

[Signature]

Surveyor-Drafterman, Forest Service,
TABLEING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 517, STATE OF ARIZONA.

<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
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Error in Lat. and Dep. 00 01

Closing Error, 1:11752.

41 72 Acres.
### Tabling and Calculations of Homestead Entry Survey No. 527, State of Arizona, Socorro

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**Total Closure:**

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 26, 1910

The foregoing field notes of Homestead Entry Survey No. 517

executed by A. H. Hendrix, Surveyor-Draftsman

under his special instructions, dated March 10, 1917, having

been critically examined, and the necessary corrections and explanations

made, the said field notes, and the surveys they describe, are hereby

approved.

[Signature]

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 F. TROTT

U. S. Surveyor General.