U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 601
SITUATED IN THE COCONINO NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3

In Section 36, unsurveyed, Township 14 N, Range 9 E.

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

Applicant for listing

Granville Pain,
Residence
Camp Verde, Arizona.

Application No. 71, dated
July 28, 1908

List No. 3-1098, dated
February 3, 1911

Applicant for survey

Leroy Burkett,
Residence
Camp Verde, Arizona.

H. R. No. 034010, dated
April 7, 1917

Land Office, Phoenix, Arizona.

Survey executed by A. W. Hendrix, Surveyor—Draftsman, Forest Service,
(Most Service Title)
Under special instructions dated
May 7, 1919
Survey commenced
May 21, 1919
Survey completed
May 23, 1919

Under Acts of
June 11, 1906 and October 1, 1918.
OATH OF ASSISTANTS

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. 601, 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 Assistant; hence, it was taken by the Surveyor.

Subscribed and sworn to before me this 23rd day of May 1919.

[Signature]

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 May 15, 1919, 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. 3-1098, dated Feb. 3, 1911, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 601, situated within the Coconino National Forest, in unsurveyed Section 36, Township 14 N., Range 9 E., and surveyed Section --, Township --, Range --, of the Gila and 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.

[Signature]

Surveyor-Draftsman, Forest Service

Subscribed and sworn to before me this 21st day of July, 1919.

[Signature]

Notary Public
| Chains | Applicant for listing, Granville Pain; Application No. 71, dated July 28, 1908; List No. 3-1096, dated February 3, 1911; R. E. No. 034010, made in the Phoenix Land Office on April 7, 1917, by Leroy Burkett. Surveyed under special instructions from the Surveyor General for Arizona, dated May 15, 1919, and designated as Homestead Entry Survey No. 601. Situated in what will probably be when surveyed Sec. 36, T. 14 N., R. 9 E., Gila and Salt River Base and Meridian, Coconino National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and October 1, 1918. Survey commenced May 21, 1919, and executed with a Buff and Buff transit No. 10500, equipped with Smith solar attachment. I test the adjustments of the transit and find them to be correct. 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 21, 1919.

At Cor. No. 1 of claim hereinafter described, in latitude 34° 28' 20" N., Longitude 111° 20' 36" W. from Forest Service Base Map. At 6h. 42.6m. p.m., l.m.t., I observe Polaris with telescope direct reading an angle of 1° 35' 30" from star to left to reference mark about 1-1/2 miles dist. Greenwich m.t. U.C. Polaris May 21, 1919, 9h. 38.9m. a.m. Correction for Longitude, 1.2m. l.m.t. U.C. Polaris, May 21, 1919, 9h. 37.7m. a.m. l.m.t. obsm. Polaris May 21, 1919, 6h. 42.6m. p.m. Hour angle, 9h. 04.9m. Azimuth of Polaris at observation, 0° 55' 54" W.
HOMESTEAD ENTRY SURVEY NO. 601
COCOMINO NATIONAL FOREST
STATE OF ARIZONA.

Chains

Bearing of reference mark, N. 2° 31' 24" W.

At the same station at 6h. 49.5m. p.m., 1.m.t. I again observe Polaris with telescope reversed, reading an angle of 1° 07' from star to left to same reference mark.

1.m.t. U.C. Polaris May 21, 1919, 9h. 37.7m. a.m.

1.m.t. obsn. Polaris May 21, 1919, 6h. 49.5m. p.m.

Hour angle, 9h. 11.8m.

Azimuth of star at obsn., N. 0° 54' W.

Bearing of reference mark, N. 2° 31' W.

Mean bearing of reference mark as determined from the two observations is N. 2° 31' 12" W. I accept bearing of reference mark as N. 2° 31' W. and to the meridian thus determined all courses of the survey were referred by sustained angulation. May 21, 1919.

May 23, 1919.

RETRACING

Beginning at the cor. of secs. 25, 30, 31 and 36, T. 14 N. Rs. 9 and 10 E., which is a post 3. ins. dia. 2 ft. long set loosely in mound of stone, marked and witnessed as described by the Surveyor General. As old post is badly decayed I destroy all trace of same and in same place set a limestone 10x14x20 ins. in mound of stone, marked with 5 notches on N. and 1 notch on S. face.

Thence south.

Retracing along range line bet Sects. 21 and 36, N/2. Intersect the 1/4 cor. bet. secs. 31 and 36, which is a post 3 in. dia. 2-1/2 ft. long, loosely set in mound of stone, marked and witnessed as described by the Surveyor General. As old post is badly decayed I destroy all trace of same and in same place set a limestone 8x10x50 ins. in mound of stone, marked 1/4 on west face.

May 23, 1919.
BOUNDARIES OF CLAIM

May 22, 1919.

Beginning at Cor. No. 1,

Identical with Cor. H/10 of the list survey, which is a limestone marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 4x6x6 ins. marked with a + 20 ins. in the ground, over which set a limestone 5x14x50 ins. chiseled + on top and 1 H E S 601 on NW face; raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor., whence:

A pine 20 ins. dia. bears S. 72° 50' E. 50 lks. dist.

A pine 20 ins. dia. bears S. 53° W. 66 lks. dist.

Each blazed and scribed 1 H E S + 601 B T.

T. 14 N., R. 9 & 10 E.

The 1/4 cor. bet. Secs. 31 and 36, herefore described, bears S. 72° 22' 09" E. 16.29 chs. dist. by traverse which appears at the end of these notes. (Since this cor. of the claim is the nearest to an established Public Land cor., I make it No. 1 of the survey, rather than the cor. nearest the cor. of Secs. 25, 30, 31 and 36, as instructed by the Surveyor General).

Lat. 34° 23' 20" N., Long. 111° 20' 36" W. from Forest Service base map.

Mag. decl. at 8 a.m. 14° 45' E. Mean mag. decl. 14° 42' E.

Thence S. 69° 41' W.

Descend 6 ft. over open land.

0.70 Fence bears S. 75° W. and N. 75° E.:

1.70 Wash; 8 lks. wide, course N. 20° E., bottom of descent, ascend 4 ft. to cor.

4.12 Fence bears E. and W.

4.25 To Cor. No. 2.
Chains

Identical with Cor. H/9 of the list survey, which is a limestone 8x4x7 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2x4x5 ins. marked with a + 17 ins. in the ground, over which set a limestone 6x3x22 ins. (No larger stone available) chiseled + on top and 2 H E S 601 on NE face; raise a mound of stone 2 ft. base, 1-1/2 ft. high NE of Cor., whence:

A pine 28 ins. dia. bears S. 16° 30' W.
52 lks. dist.

A pine 20 ins. dia. bears N. 50° 30' W.
211 lks. dist.

Each blazed and scribed 2 H E S + 601 B T.

Thence N. 24° 45' E.

Descend 6 ft. to cor. over gently rolling land along outside of fence, through scattering pine timber.

11.35 To Cor. No. 3,

Identical with Cor. H/9 of the list survey, which is a limestone 8x3x10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2x6x7 ins. marked with a + 19 ins. in the ground, over which set a limestone 4x14x26 ins. chiseled + on top and 3 H E S 601 on E. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., whence:

A pine 25 ins. dia. bears S. 60° 15' W.
86 lks. dist.

A pine 20 ins. dia. bears N. 20° 30' W.
176 lks. dist.

Each blazed and scribed 3 H E S + 601 B T.

Thence N. 25° 25' W.

Descend 8 ft. to cor. over gently rolling land along
outside of fence through scattering timber.

1.00 Fence, bears N. 30° W. and S. 30° E.

6.95 Fence, bears NE. and SW.

7.12 To Cor. No. 4.

Identical with Cor. H/7 of the list survey, which is a limestone 10x4x8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 2x2x3 ins. marked with a + 16 ins. in the ground, over which set a sandstone 5x12x26 ins. chiseled + on top and 4 H E S 601 on NE face; raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor., whence:

A pine 15 ins. dia. bears N. 52° 30' W.

68 lbs. dist.

A pine 15 ins. dia. bears S. 35° 45' W.

59 lbs. dist.

Each blazed and scribed 4 H E S 601 B T.

Thence N. 60° 34' W.

Descend 4 ft. to cor. over gently rolling land through scattered timber.

6.75 Fence bears N. 60° E. and S. 60° W.

7.91 To Cor. No. 5.

Identical with Cor. H/6 of the list survey, which is a limestone 6x2x7 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 3x4x4 ins. marked with a + 19 ins. in the ground, over which set a limestone 6x16x26 ins. chiseled + on top and 5 H E S 601 on N. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high N. of Cor., whence:

A pine 26 ins. dia. bears S. 67° 30' E.
Chains

32 lks. dist.
A pine 20 ins. dia. bears S. 12° 40' W.
64 lks. dist.

Each blazed and scribed 5 H B S + 601 B T.

Thence S. 48° 37' W.
Ascend 6 ft. to cor. over gently rolling land along edge of plowed field.

3.75
Fence bears N. 60° E. and S. 60° W. Cor. of fence bears S. 60° W. 100 lks. dist. Fence bears N. 60° W. from cor. End of cultivated land at fence.

7.13
To Cor. No. 6,

Identical with Cor. H/5 of the list survey, which is a limestone boulder in place, 20x20x36 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all marks pertaining to the list survey, together with its witnesses, and chisel same boulder for point for cor. and 6 H B S 601 on N. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high N. of cor., whence:

A pine 26 ins. dia. bears S. 18° 15' W.
151 lks. dist.
A pine 24 ins. dia. bears N. 50° 20' W.
58 lks. dist.

Each blazed and scribed 6 H B S + 601 B T.

May 22, 1919.

Thence N. 23° 55' W.
Descend 5 ft. over gently rolling land through scattered timber.

.40
Wash 15 lks. wide, course N. 15° E., bottom of descent.

Ascend 5 ft. to cor.

2.49
To Cor. No. 7,

Identical with Cor. H/4 of the list survey, which is
| Chains       | a limestone 18x7x8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2x6x7 ins. marked with a + 18 ins. in the ground, over which set a limestone 6x12x24 ins. chiseled + on top and 7 H E S 601 on E. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., whence: |

**Thence N. 40° 18' E.**

Descend 10 ft. over gently rolling land through scattering timber.

1.65 Fence bears N. 60° W. and S. 60° E. Cor. of fence bears No. 60° W. 150 lks. dist. Fence bears N. 30° E. from cor. Enter cultivated land. Leave Timber.

6.00 Wash 10 lks. wide, course N.

6.30 Same wash, course N. 70° E. Leave cultivated land and enter dense reproduction.

10.00 Leave reproduction.

10.70 Wash 10 lks. wide, course north, bottom of descent. Ascend 6 ft. to cor. over cultivated land.

12.36 To cor. No. 8,

Identical with Cor. H/3 of the list survey, which is a limestone 10x6x10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 4x4x7 ins. marked with a + 18 ins. in the ground, over which set a limestone 8x10x24 ins. chiseled + on top and 8 H E S 601 on E. face; raise a
# Homestead Entry Survey No. 601

**Cocopino National Forest**

**State of Arizona**

<table>
<thead>
<tr>
<th>Chains</th>
<th>mound of stone 2 ft. base, 1-1/2 ft. high S. of cor., whence:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A pine 24 ins. dia. bears S. 80° 15' E. 107 lks. dist.</td>
</tr>
<tr>
<td></td>
<td>A pine 26 ins. dia. bears N. 25° 30' E. 10 lks. dist.</td>
</tr>
<tr>
<td></td>
<td>Each blazed and scribed 8 H E S + 601 B T.</td>
</tr>
</tbody>
</table>

Thence S. 47° 52' E.

Ascend 20 ft. over gently rolling land, along edge of cultivated field on inside of fence.

1.60 Road bears E. and W.

3.50 Fence bears S. 55° E. and N. 55° W. Leave edge of cultivated land, thence ascend over rocky point through scattered timber.

6.60 Top of ascent. Rocky point bears SW. Descend 5 ft. to cor.

8.45 To Cor. No. 9,

Point for cor. falls on a limestone boulder in place 6x12x12 ins. above ground. I chisel boulder + for the point and 9 H E S 601 on SW face and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW of cor. whence:

|        | A pine 30 ins. dia. bears N. 26° 45' W. 15 lks. dist. |
|        | A pine 24 ins. dia. bears N. 86° 10' E. 32 lks. dist. |
|        | Each blazed and scribed 9 H E S + 601 B T. |

The cor. of Secs. 25, 30, 31 and 36 Heretofore described bears N. 56° 23' 06" E. 23.28 chs. dist. by traverse which appears at the end of these notes.

Point for Cor. H/2 of the list survey determined from call of the witnesses as recorded in the field notes of the list survey bears S.
Chains

50° W. 50 lks. dist. Point for cor. in under water of tank. I destroy marks on the witness trees pertaining to the list survey.

Thence S. 32° 05' E.

Descend 5 ft. over rocky point to water in tank.

0.40 Edge of water bears E. and W.

2.90 Edge of water bears N. and S. Ascend 6 ft. to cor. over level land.

3.00 Fence bears NE. and SW. Cor. bears NE. 20 lks. dist.

Fence bears S. 30° E. from cor.

12.00 Fence bears N. 30° W. and S. 30° E.

12.49 To Cor. No. 10.

Identical with Cor. H/1 of the list survey, which is a limestone 8x7x10 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 2x2x3 ins. marked with a + 15 ins. in the ground, over which set a limestone 7x12x24 ins. chiseled on top and 10 H E S 601 on W. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A pine 30 ins. dia. bears S. 15° E.

107 lks. dist.

A pine 26 ins. dia. bears S. 75° W.

129 lks. dist.

Each blazed and scribed 10 H E S 601 B T.

Thence S. 22° 51' W.

Ascend 5 ft. over gently rolling land to cor.

0.04 Fence bears N. 60° W. and S. 60° E. Cor. of fence bears S. 60° E. 20 lks. dist. Fence bears S. 25° W. from cor.

12.00 Fence bears S. 25° W. and N. 25° E. Cor. of fence bears
Chains

12.08

S. 25° W. 5 lks. dist. Fence bears S. 75° W. from cor. to Cor. No. 1 end place of beginning.

AREA

Area-----------------------------------------------15.11 A.

IMPROVEMENTS

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

A pole barn 14 x 18 ft., the long sides of which extend E. and W., the SE. cor. of which bears N. 21° E. 114 lks. dist. from Cor. No. 5.

Value-----------------------------$60.00

A log house 14x30 ft., the long sides extending N. and S., the NW. cor. of which bears S. 23° 40' W. 249 lks. dist. from Cor. No. 8.

- Value-----------------------------$400.00

A dug well about 20 ft. deep, 6 ft. diam., the center of which bears S. 15° 30' W., 222 lks. dist. from cor. No. 8.

- Value-----------------------------$200.00

A dirt tank which holds water the year long, dam about 12 ft. high and 200 ft. long extending NE. and SW., the NE. end of which bears N. 59° W. 280 lks. dist. from cor. No. 9.

- Value-----------------------------$400.00

About 1 mile of wire fencing.

- Value-----------------------------$150.00

DESCRIPTION

The claim is located in two open draws surrounded by low timbered hills. The soil in the flat is a rich black loam, very fertile, producing good crops of small grain and potatoes.

There is no permanent water on claim for irrigation, nor
is it needed, rainfall alone being sufficient to raise crops. About 7 acres were in cultivation at the time of survey.

Water for domestic purposes is obtained from the well on the claim.
No indications of mineral were observed on the claim. There is no timber of commercial value on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.
Camp Verde, Arizona, is the nearest postoffice and trading point, and is about 20 miles in a westerly direction over very poor roads which are impassable after the snows fall.

<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°</td>
<td>41' W.</td>
<td>4.25</td>
<td>.02</td>
<td>4.75</td>
<td>3.06</td>
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<tr>
<td>N.26°</td>
<td>45' E.</td>
<td>11.35</td>
<td>10.31</td>
<td>6.43</td>
<td>6.89</td>
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<tr>
<td>N.25°</td>
<td>26' W.</td>
<td>7.12</td>
<td>2.89</td>
<td>5.35</td>
<td>1.29</td>
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<tr>
<td>N.60°</td>
<td>34' W.</td>
<td>7.91</td>
<td>4.71</td>
<td>6.35</td>
<td>6.27</td>
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<tr>
<td>S.45°</td>
<td>37' W.</td>
<td>7.13</td>
<td>2.07</td>
<td>2.49</td>
<td>3.87</td>
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<tr>
<td>N.35°</td>
<td>55' W.</td>
<td>2.49</td>
<td>4.43</td>
<td>9.43</td>
<td>7.99</td>
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<tr>
<td>N.40°</td>
<td>10' E.</td>
<td>12.36</td>
<td>10.58</td>
<td>6.63</td>
<td>6.63</td>
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<tr>
<td>S.47°</td>
<td>52' E.</td>
<td>8.45</td>
<td>5.67</td>
<td>6.27</td>
<td>5.63</td>
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<tr>
<td>S.25°</td>
<td>05' E.</td>
<td>12.49</td>
<td>11.13</td>
<td>25.63</td>
<td>25.63</td>
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</tbody>
</table>

Closing error 1.3830

TIE FROM COR. NO. 1 OF CLAIM TO 1/4 COR. BET. SECS. 31 AND 36.

<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>S.57°</td>
<td>45' E.</td>
<td>16.10</td>
<td>8.59</td>
<td>15.62</td>
<td>8.59</td>
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<tr>
<td>N.51°</td>
<td>00' E.</td>
<td>4.95</td>
<td>3.10</td>
<td>3.10</td>
<td>3.10</td>
</tr>
</tbody>
</table>

Resultant course S.72° 22' 09" E. 18.29

TIE FROM COR. NO. 9 OF CLAIM TO COR. OF SECS. 25, 30, 31 and 36.

<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
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</thead>
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<tr>
<td>N.72°</td>
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<td>19.18</td>
<td>5.56</td>
<td>16.35</td>
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<td>N. 8°</td>
<td>06' E.</td>
<td>7.38</td>
<td>7.31</td>
<td>1.04</td>
<td>12.89</td>
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Resultant course N. 56° 26' 06" E. 22.28
<table>
<thead>
<tr>
<th>Chains</th>
<th></th>
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<tbody>
<tr>
<td>Survey completed May 23, 1919.</td>
<td></td>
</tr>
<tr>
<td>Surveyor - Draftsman</td>
<td></td>
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<tr>
<td>Forest Service</td>
<td></td>
</tr>
<tr>
<td>CORNERS</td>
<td>BEARING</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>3° 59' 41&quot; W.</td>
</tr>
<tr>
<td>2-3</td>
<td>1° 24' 45&quot; E.</td>
</tr>
<tr>
<td>3-4</td>
<td>3° 25' 26&quot; W.</td>
</tr>
<tr>
<td>4-5</td>
<td>1° 50' 54&quot; W.</td>
</tr>
<tr>
<td>5-6</td>
<td>3° 48' 27&quot; W.</td>
</tr>
<tr>
<td>6-7</td>
<td>3° 32' 55&quot; W.</td>
</tr>
<tr>
<td>7-8</td>
<td>3° 40' 18&quot; E.</td>
</tr>
<tr>
<td>10-10</td>
<td>3° 22' 06&quot; E.</td>
</tr>
<tr>
<td>10-1</td>
<td>3° 32' 51&quot; W.</td>
</tr>
<tr>
<td></td>
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<tr>
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</tr>
<tr>
<td>Error in lat. and dep.</td>
<td>02</td>
</tr>
<tr>
<td>Closing error - 1:3830</td>
<td></td>
</tr>
</tbody>
</table>

**TABLE OF AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 401, STATE OF ARIZONA**

Surveyors are required to use the Standard Field Tables issued by the G. L. O.
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 18, 1910

The foregoing field notes of Homestead Entry Survey No.

executed by A. H. Hendrix, Surveyor

under his special instructions, dated May 15, 1919, 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.