FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 536
SITUATED IN THE Coronado NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3.
In Section 20, unsurveyed, Township 23 S., Range 19 W.
In Section 21, unsurveyed, Township 23 S., Range 19 W.
of the
Gila and Salt River Base & Meridian.
State of Arizona.

Applicant for listing Arthur Webb.
Residence Sunnyside, Arizona
Application No. 348, dated March 19, 1914
List No. 3-3563, dated April 20, 1915

Applicant for survey J. C. Holland
Residence Sunnyside, Arizona
H. E. No. 632775, dated February 6, 1917
Office
Land District Phoenix, Arizona

Survey executed by J. A. Long Surveyor, Forest Service
Forest Service Title
Under special instructions dated March 26, 1917
Survey commenced May 26, 1917
Survey completed May 26, 1917
OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long in surveying all those parts or portions of Homestead Entry Survey No. 536, 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.

Subscribed and sworn to before me this 25th day of May, 1917.

[Signature]

Surveyor, Forest Service

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OATH OF SURVEYOR

I, C. A. Long, Surveyor, Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated March 28, 1917, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land

List No. 3-3363, dated April 20, 1915, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 536, situated within the Coronado National Forest, in unsurveyed Section 20, Township 23 S, Range 19 E, and unsurveyed Section 21, Township 23 S, Range 19 E, 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]

Subscribed and sworn to before me this seventh day of November, 1916.

[Signature]

Notary Public
Homestead Entry Survey No. 526
Coronado National Forest
State of Arizona

Chains
Applicant for listing, Arthur Webb; Application No. 348
dated March 19, 1914; List No. 3-3563, dated April
20, 1915; H. E. 622775 made in the Phoenix Land Office
on February 9, 1917 by J. C. Holland.
Surveyed under special instructions from the Surveyor
General for Arizona, dated March 26, 1917, and design-
nated as Homestead Entry Survey No. 536.
Situated in what will probably be when surveyed, secs.
20 and 21, T. 23 S., R. 19 E., Gila and Salt River Base
and Meridian.
Surveyed under the Acts of June 11, 1906 and August 11,
1916.
Survey commenced May 26, 1917, and executed with a Buff
and Buff Transit No. 10620, 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.

May 26, 1917.
At cor. H-1 of the list survey, hereinafter described,
at 6 h. 35m. 35s. p.m. I observe Polaris with
telescope direct, reading an angle of 23° 01' 30" from
star to right to a reference mark about 3 miles dist.
Lat. 31° 25' N., Long. 110° 25' 30" W. derived from
Hereford Quadrangle U.S.G.S.
Greenwich m.t. U.C. Pol. May 26, 1917.

<table>
<thead>
<tr>
<th>Sidereal Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>l.m.t.</td>
</tr>
<tr>
<td>9h. 16m. 52s.</td>
</tr>
</tbody>
</table>

Astron. l.m.t. U.C. Pol. May 25, 1917
Astron. l.m.t. of obsn.
Mean time, hour angle.
<table>
<thead>
<tr>
<th>Chains</th>
<th>Azimuth of Pol.</th>
<th>0° 50' 28&quot; W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing of reference mark</td>
<td>N. 22° 11' 02&quot; E.</td>
<td></td>
</tr>
<tr>
<td>At the same place at 6h, 38' p.m., l.m.t. I again observe Polaris with telescope reversed, reading an angle of 23° 01' from star to right to the same reference mark.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Astron l.m.t. U.C. Pol.</td>
<td>May 25, 1917</td>
<td>21h. 15'.0m.</td>
</tr>
<tr>
<td>Astron l.m.t. of obs.</td>
<td>May 25, 1917</td>
<td>20h. 38'.0m.</td>
</tr>
<tr>
<td>Mean time, hour angle</td>
<td>9h. 22'.0m.</td>
<td></td>
</tr>
<tr>
<td>Azimuth of Polaris</td>
<td>0° 49' 50&quot; W.</td>
<td></td>
</tr>
<tr>
<td>Bearing of reference mark</td>
<td>N. 22° 11' 10&quot; E.</td>
<td></td>
</tr>
<tr>
<td>The bearing of reference mark as determined from the mean of the two observations is N. 22° 11' 06&quot; E. and from the corresponding meridian all the courses of this survey were deferred.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

May 27, 1917.

**BOUNDARIES OF CLAIM**

**Beginning at cor. No. 1.**

Identical with cor. H-1 of the list survey which is a limestone 6 x 12 x 19 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list. cor.

Deposit a sandstone 1 x 6 x 6 ins. marked with a + 24 ins. in the ground, over which set an iron post 36 ins. long. 2' ins. dia. with brass cap marked 1917 on S. and 1 H E S 536 on E. and raise a mound of stone 4 ft. base, 3 ft. high E. of cor. whence:

- A Black oak 10 ins. dia. bears S. 37° 45' W. 252 lbs. dist.
- A White oak 20 ins. dia. bears N. 10° 00' W. 145 lbs. dist.

Each blazed and scribed 1 H E S 536 B T
<table>
<thead>
<tr>
<th>Chains</th>
</tr>
</thead>
<tbody>
<tr>
<td>U. S. L. M. No. 290, H E S established in connection with the survey of H E S 290, which is a sandstone 14 x 6 x 10 ins. chiseled at the point and U S L M 290 H E S on E. face with mound of stone 6 ft. base 4(\frac{1}{2}) ft. high SE. 8 ft. dist. bears N. 57° 18' W., 94.77 chs. dist. by traverse which appears at end of these notes. The observed mag. decl. at 6 a.m. is 13° 00' N. which corr. for diurnal change gives a mean mag. decl. of 12° 57° E.</td>
</tr>
<tr>
<td>Lat. 31° 25' N., Long. 110° 25' 30'' W. from Hereford. Quadrangle U. S. G. S. Thence N. 43° 03' E. Asp. 40 ft. to cor. over rolling SW. slope through scattering oak. 20.75 Wash in draw 10 kms. wide, course SE. 25.00 Wire fence bears N. 60° 00' E. and S. 60° 00' W. cor. of fence bears N. 60° 00' W. 20 kms. 26.40 Wire fence bears NE. and SW. 27.43 To cor. No. 2 Identical with cor. N-2 of the list survey, which is a granite stone 4 x 14 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 2 x 3 x 6 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap marked 1917 on S. and 2 H E S 536 on SE. quadrant, raise a mound of stone 4 ft. base 3 ft. high S. of cor., whence; A Black oak 10 ins. dia. bears N. 65° 00' W. 166 kms. dist. A White oak 12 ins. dia. bears N. 32° 35' W.</td>
</tr>
</tbody>
</table>
HOMESTEAD ENTRY SURVEY NO. 536
CORONADO NATIONAL FOREST
STATE OF ARIZONA

Chains

194 lms. dist.

Each blazed and scribed 2 H E S + 536 B T.

May 27, 1917.

May 28, 1917.

Thence W. 89° 48' E.

Desc. 100 ft. to cor. over gradual E. slope through scattering oak timber.

2.30
Wire fence bears N. 60° 00' E. and S. 60° 00' W.

15.00
Enter corral

16.00
Leave corral

16.50
Enter cultivated land, leave oak timber

22.00
Leave cultivated land, enter scattering timber

23.56
To cor. No. 3.

Identical with cor. H-3 of the list survey, which is a rhyolite stone 12 x 14 x 20 ins. above ground, marked and witnessed as described by the forest service. I. destroy all trace of this list cor.

Deposit a porphyry stone 4 x 5 x 6 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long, with brass cap marked 1917 on S. and 3 H E S 536 on SW. quadrant, raise a mound of stone 4 ft. base, 3 ft. high SW. of cor., whence;

A Black walnut 10 ins. dia. bears S. 13°
40' W. 12 lms. dist.

A Black walnut 14 ins. dia. bears S. 49°
45' E. 35 lms. dist.

Each blazed and scribed '3 H E S + 536 B T.

Thence S. 34° 00' W.

Through scattering oak brush.

1.50
Wash 30 lms. wide, course S. 60° 00' W.

3.00
Enter dense oak brush.
Chains 43.17 To cor. No. 4.

Identical with cor. H-4 of the list survey, which is a limestone 6 x 8 x 14 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a sandstone 2 x 2 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 35 ins. long with brass cap marked 1917 on S. and 4 H E S 536 on N., raise a mound of stone 4 ft. base, 3 ft. high N. of cor., whence:

A Juniper 16 ins. dia. bears N. 69° 50' W.

18 ½ lks. dist.

A White oak 16 ins. dia. bears N. 42° 15' E.

76 lks. dist.

Each blazed and scribed 4 H E S + 536 B T.

U S L M No. 535 H E S, established in connection with the survey of H E S 526, which is a sandstone 6 x 18 x 8 ins. above ground chiseled + on top and U S L M 535 H E S on E. face with mound of stone 6 ft. base, 5 ft. high E. 5 ft. dist. bears S. 25° 41' E.

16.20 chs. dist. by traverse which appears at the end of these notes.

Note: The above U S L M was established and tie run on May 20, 1917.

Thence N. 49° 15' W.

Desc. 45 ft. over W. slope through dense oak brush.

4.50 Wire fence bears E. and W.

5.50 Wash, 50 lks. wide; course SW. Bottom of desc., asc. 95 ft. over bottom land.

7.00 Road bears NE. and SW.

8.50 Leave bottom land and ascend over steep E. slope.

13.50 Gulch, course S. 20° 00'. E.

16.00 Top of steep ascent, brush becomes scattering.

20.00 Top of ridge bears N. and S., desc. 10 ft. to cor.
HOMESTEAD ENTRY SURVEY NO. 536
CORONADO NATIONAL FOREST
STATE OF ARIZONA

Chains 22.96 To cor. No. 1 the place of beginning.

AREA

Total area ------------------ 74.87 acres.

IMPROVEMENTS

The improvements made upon this claim and belonging to the claimant herein consist of the following.

An adobe house 30 x 24 ft., course of long side N. and S. the SE. cor. of which bears S. 66° 08' W., 6.45 chs. dist. from cor. No. 2.

Value --------------- $250.00

A galvanized iron store house 12 x 14 ft., course of long sides N. and S., the NE. cor. of which bears S. 70° 45' W., 5.70 chs. dist. from cor. No. 3.

Value --------------- $25.00

A dug well 25 ft. deep, the center of which bears S. 61° 31' W., 5.93 chs. dist. from cor. No. 3.

Value --------------- $75.00

A tent house 16 x 18 ft., course of long sides N. and S., the NE. cor. of which bears S. 83° 00' W., 8.10 chs. dist. from cor. No. 3.

Value --------------- $25.00

A galvanized iron shed 12 x 24 ft. course of long sides E. and W., the NE. cor. of which bears S. 84° 30' W., 8.50 chs. dist. from cor. No. 3.

Value --------------- $50.00

One mile of wire fencing.

Value --------------- $100.00

Total value of improvements -------------- $525.00

GENERAL DESCRIPTION

This claim is primarily suitable for stock raising.
Chains

The soil in the valley is a sandy loam, second rate, and produces meager crops of corn and beans. About 15 acres are now under cultivation. The soil on the hillsides is rocky and fit for pasture land only. The entire area not now under cultivation is covered with a dense growth of scrub oak and oak brush.

There is no merchantable timber on the claim.

Water for domestic use and for watering 100 head of cattle is obtained from a dug well.

There is no evidence of minerals on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H.E.S. 535 lies about 2/4 miles in a southeasterly direction, H.E.S. Nos. 290 and 291 about 1 mile in a northwesterly direction, and H.E.S. No. 303 about 3/4 mile in an easterly direction.

Sunnyside, Arizona, postoffice is about one mile NE. of the claim. Elgin, Arizona, the nearest railway point, is about 25 miles NW. of the claim and is reached by a rough wagon road.

TRAVERSE

<table>
<thead>
<tr>
<th>Cor.</th>
<th>Course</th>
<th>Dist.</th>
<th>N.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>N. 45° 03' E.</td>
<td>27.43'</td>
<td>20.04</td>
<td>18.72</td>
<td></td>
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<tr>
<td>2-3</td>
<td>N. 59° 46' E.</td>
<td>22.56'</td>
<td>0.68</td>
<td>22.86</td>
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<tr>
<td>3-4</td>
<td>S. 24° 00' W.</td>
<td>45.17</td>
<td>35.79</td>
<td>24.14</td>
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<tr>
<td>4-1</td>
<td>N. 49° 15' W.</td>
<td>22.99</td>
<td>15.66</td>
<td>16.14</td>
<td></td>
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<tr>
<td></td>
<td>Total</td>
<td></td>
<td>25.72</td>
<td>42.28</td>
<td></td>
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</tbody>
</table>

Error in Lat. and Dep. 0.27 0.00

Closing error, 1:5906

TIE FROM COR. NO. 1 TO U.S.L.M. NO. 290 H. E. S.

| N. 45° 03' E. | 27.43 | 20.04 | 18.72 |
| N. 47° 56' W. | 45.12 | 32.22 |
| S. 89° 02' W. | 52.74 | 1.06  |
| Total         | 52.26 | 1.06  |

Tie is N. 57° 18' W., 94.77 chs.

TIE FROM U.S.L.M. NO. 535 H. E. S. TO COR. NO. 4 H.E.S. 536

| N. 38° 15' W. | 41.14 | 32.32 |
| S. 49° 13' E. | 22.96 | 16.56 |

Tie is S. 25° 41' E. 18.20 chs.
### TABLEING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 536, STATE OF Arizona

<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>NORTH</td>
<td>SOUTH</td>
<td>EAST</td>
<td>WEST</td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>N. 43° 03' E</td>
<td>27.43</td>
<td>20 04_</td>
<td>18 72_</td>
<td>18 72_</td>
<td>375 15_</td>
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<tr>
<td>2-3</td>
<td>N. 89° 48' E</td>
<td>22.56</td>
<td>08_</td>
<td>23 56_</td>
<td>60 00_</td>
<td>4 88_</td>
<td></td>
</tr>
<tr>
<td>2-4</td>
<td>S. 34° 00' W</td>
<td>43.17</td>
<td>35 79_</td>
<td>24 14_</td>
<td>60 42_</td>
<td>2161 22_</td>
<td></td>
</tr>
<tr>
<td>4-1</td>
<td>N. 49° 13' W</td>
<td>22.96</td>
<td>15 65_</td>
<td>18 14_</td>
<td>18 14_</td>
<td>283 89_</td>
<td></td>
</tr>
</tbody>
</table>

\[118.12 \quad 35.77 \quad 35.79 \quad 42.28 \quad 42.28 \quad 663.92 \quad 2161.22 \quad \]

Closing error 1:5906

\[\frac{20}{1497} \quad 30\]

74\_\_87

74.87 A.
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 10, 1920

The foregoing field notes of Homestead Entry Survey No.

536

executed by C. A. Long, Surveyor,

under his special instructions, dated March 28, 1927, 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 P. TROTT

U. S. Surveyor General.