FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 532

SITUATED IN THE CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 13, Unsurveyed, Township 24 S., Range 19 E.
In Section 14, Unsurveyed, Township 24 S., Range 19 E.
In Section 23, Unsurveyed, Township 24 S., Range 19 E.
In Section 24, Unsurveyed, Township 24 S., Range 19 E.

of the GILA & SALT RIVER BASE and Meridian.

State of ARIZONA

Applicant for listing Joseph M. Daly
Residence Nogales, Arizona
Application No. 255, dated Jan. 31 and Nov. 3, 1913
List No. 3-2969, dated December 30, 1913.

Applicant for survey Daniel M. Peeples
Residence Parker Canyon, Arizona
H. E. No. 02707, dated September 9, 1914.
Office Land District Phoenix, Arizona.

Survey executed by C. A. Long, Surveyor - Forest Service (Forest Service SWA).
Under special instructions dated March 28, 1917.
Survey commenced May 23, 1917.
Survey completed May 23, 1917.

OATH OF ASSISTANTS

We hereby certify that we assisted

Surveyor - Forest Service

[C. A. Long]

in surveying all those parts or portions of Homestead Entry Survey No. 532, 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.

Chairman

Chairman

Subscribed and sworn to before me this 23rd day of May, 1917.

Surveyor - Forest Service.

OATH OF SURVEYOR

I, C. A. Long, 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 29, 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. 5-2969, dated December 20, 1913, and a tract of land upon Application of Joseph H. Daily, Application No. 255, dated Jan. 31 & Nov. 30, 1913, for Listing and Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 532, situated within the CORTADO National Forest, in Unsurveyed Section 13, Township 24 S., Range 19 E., and Unsurveyed Section 23, Township 24 S., Range 19 E., and Unsurveyed Section 24, Township 24 S., Range 19 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.

Surveyor - Forest Service.

Subscribed and sworn to before me this 29th day of November, 1918.

Notary Public

My Commission expires March 17, 1921.
Chains

Applicant for listing, Joseph M. Daly; Application No. 255, dated January 31, 1913 and November 3, 1913; List No. 3-2969, dated December 30, 1913; H. E. 025707 made in the Phoenix Land Office on September 9, 1914, by Daniel H. Peeples.

Also a tract of unlisted land adjoining claimant's entry was included in this survey, the land is agricultural in character, was desired by entryman and will be listed as a basis for amendment of his entry. This is therefore a composite survey.

Surveyed under special instructions from the Surveyor General for Arizona, dated March 28, 1917, and designated as Homestead Entry Survey No. 532.

Situated in what will probably be when surveyed, secs. 15, 14, 23 and 24, T. 24 S., R. 19 E. Gila and Salt River Base and Meridian, within the Coronado National Forest, Arizona.


Survey commenced May 23, 1917, and executed with a Buff and Buff transit No. 10830, 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 23, 1917.

At International Boundary monument No. 106 hereinafter described, at ch. 35m., p.m., l.m.t., I observe polaris with telescope direct, reading an angle of 90°
Chains 37' from star to right to reference mark which is International Boundary post No. 104.

Latitude 31° 20' N. Longitude 110° 23' 24'' W., from U. S. G. S. sheet of Hereford quadrangle.

Greenwich m.t. U.C.Pol. May 23, 1917 9h. 27.9m. a.m.

Longitude correction 1.2m.

L.m.t. U.C. Pol. May 23, 1917 9h. 26.7m.

+ 12h. 00.0

Astron. L.m.t. U.C. Pol. May 22, 1917 21h. 26.7m.

Astron. L.m.t. of obsn. May 22, 1917 30h. 35.0m.

Hour Angle 9h. 06.3m.

Azimuth of Pol. at obsn. 0° 55' 49'' W.

Bearing of reference mark N. 89° 43' 11'' E.

At the same point at 9h. 35m. 50s. p.m., L.m.t., I again observe Polaris with telescope reversed, reading an angle of 90° 36' from star to right to the same reference mark.

Astron. L.m.t. U.C.Pol. May 22, 1917 21h. 26.7 m.

Astron. L.m.t. of obsn. May 22, 1917 30h. 35.5 m.

Hour Angle 9h. 06.8 m.

Azimuth of Pol. at obsn. 0° 53' 11'' W.

Bearing of reference mark N. 89° 48' 49'' E.

The bearing of line between International Boundary monuments Nos. 105 and 104, as determined by taking the mean of the two observations is N. 89° 43' 00'' E., and to the corresponding meridian all the courses of the survey are referred.

May 23, 1917.

RETRACING OF INTERNATIONAL BOUNDARY

Beginning at International Boundary monument No. 105, which is an iron post 1-1/2 x 1-1/2 x 7 ft. firmly set on a concrete pedestal marked and witnessed as described by Surveyor General.
HOMESTEAD ENTRY SURVEY NO. 532.
CORONA NATIONAL FOREST
STATE OF ARIZONA

Chains

Thence N. 89° 45ʹ E.
Along International boundary on a random line for distance only.
133.15 Intersect International boundary post No. 104, which is an iron post 1-1/2 x 1-1/2 x 7 ft. firmly set in a concrete pedestal marked and witnessed as described by the Surveyor General.

Return course S. 89° 42ʹ W., 133.15 chains.

May 23, 1917.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1.
Deposit a porphyry stone 2 x 2 x 2 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 L H E S 532 on side facing the claim.
Raise mound of stone, 5 ft. base, 2 ft. high within the claim, whence;

A white oak, 14 ins. dia. bears N. 73° 15ʹ E., 165 lbs. dist.

A black oak, 6 ins. dia. bears N. 26° 27ʹ W., 182 lbs. dist.

Each blazed and scribed L H E S 532 B T.

International Boundary Post No. 108 heretofore described, bears N. 62° 44ʹ W., S. 69 chs. dist., by traverse which appears at the end of these notes.

Cor. H-3 of the list survey, which is a porphyry stone, 4 x 4 x 16 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 89° 43ʹ E., 11.00 chains dist.

I destroy all trace of this list cor.

Latitute 31° 20ʹ N., Longitude 110° 23ʹ 17ʺ W. from U.
Chains


The observed mag. decl. at 5 p.m. is 10° 00' E., which corrected for diurnal change gives a mean mag. decl. of 15° 01' E.

Thence N. 49° 45' E.

Over unlisted land, through scattering oak brush. Desc. 75 ft. over NE. slope.

6.00 Wash in draw, 30 lbs. wide. Course NE. bottom of descent. Ascend 100 ft. over rough, rocky and rolling land.

25.00 Gulch, course S. 70° 00' E.

30.00 Top of Rocky ridge bears SW. and SE. Desc. 70 ft.

over rolling SW. slope.

37.50 Wash 15 lbs. wide, course S. 60° 00' E.

39.80 Road bears W. 60° 00' N. and S. 60° 00' E.

48.00 Wash in draw, 15 lbs. wide, course S. 20° 00' E., bottom of descent. Ascend 80 ft. to cor. over gradual SW. slope.

54.00 Begin steep ascent of rocky SW. slope.

54.99 To cor. No. 2.

Point for cor. falls on a sandstone in place showing 2 x 3 x 3 ft. above ground, I chisel same stone 4' for the point and 2 H E S 532 on side facing the claim, raise a mound of stone 4 ft. base 3 ft. high, south of cor. 3-1/2 ft. distant, whence:

A black oak, 12 ins. dia. bears N. 61° 42' E.

178 lbs. dist.

A white oak, 8 ins. dia. bears N. 34° 27' W.

25 lbs. dist.

Each blazed and scribed 2 H E S + 532 B T.

Cor. E-2, of the list survey which is a red granite stone, 4 x 8 x 12 ins. above ground, marked and witnessed as described by the forest Service, bears S. 72° 00' E., 7.50 chs.
HOMESTEAD ENTRY SURVEY NO. 632

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains 1 dist. I destroy all trace of this chain cor.

Cor. No. 1 at E. S. 539, an iron post 2 ins. dia.
12 ins. above ground, with brass cap, marked
1917 on S. and E H E S 539 on N. with mound of
stone 4 ft. base, 3 ft. high, north of cor.
bears W. 7° 27' W., 52.71 chs. by traverse
which appears at end of these notes.

Thence W. 69° 45' E.

Over unlisted land, ascend 5 ft. over steep rocky
SW. slope, through scattering oak brush.

0.35 Top of rocky outcrop bears NW. and SE.

Descend 110 ft. over steep rocky east slope.

4.00 Bottom of steep descent, thence over bed of canyon
descending.

7/35 A 3 inch pipe line, which conveys water to house,
bears S. 16° 00' E. and N. 16° 00' W.

10.50 Wash in canyon, 100 lks. wide. Course south, bottom
of descent. Ascend 140 ft. to cor. over gradual W.
slope.

25.50 Enter gently rolling mesa land.

42.00 To Cor. No. 3.

Deposit a sandstone 3 x 4 x 4 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 E H E S 539 on side facing the claim; raise
a mound of stone 3 ft. base, 2 ft. high 3 1/2 ft.
dist. within the claim, whence;

A black oak, 8 ins. dia. bears N. 48° 00' W.,
72 lks. dist.

A black oak, 12 ins. dia. bears S. 60° 23' W.
126 lks. dist.

Each blazed and scribed S H E S + 532 B T.
<table>
<thead>
<tr>
<th>Chains</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cor. H-1 of the list survey, which is a granite stone 4 x 6 x 12 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 49° 43' W., 3.75 ch. dist. I destroy all trace of this list cor.</td>
<td></td>
</tr>
</tbody>
</table>

**Thence S. 49° 43' W.**

Over unlisted land, through scattering oak. Descend 30 ft. to cor. over gently rolling mesa land.

3.75 Leave unlisted and enter listed land.

12.25 Cor. of wire fence bears West 10 lks. from which fence bears West and S. 49° 43' W.

29.00 Leave mesa and descend along rolling West slope to cor.

55.00 To Cor. No. 4.

Identical with Cor. H-4 of the list survey, which is a granite stone 4 x 4 x 24 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and in the same place deposit a sandstone 2 x 3 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 in. dia. 32 ins. long, with brass cap marked 1917 on S. and 4 E N 532 on N.; raise mound of stone 4 ft. base, 6 ft. high, 3 1/2 ft. N. of corner.,

**Whence:**

A black oak 10 ins. dia. bears N. 15° 30' E., 119 lks. dist.

A black-oak 12 ins. dia. bears N. 71° 41' E., 122 lks. dist.

Ranch blazed and scribed 4 E B S + 532 E T.

**Thence S. 39° 43' W.**

Parallel to and 60 ft. N. of International Boundary.

Descend 86 ft. over steep W. slope through scattering oak brush, along S. side of wire fence 5 lks. dist.
<table>
<thead>
<tr>
<th>Chains</th>
<th>Bottom of steep descent.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00</td>
<td>Thence over mesa land descending.</td>
</tr>
<tr>
<td>16.50</td>
<td>Begin steep descent into canyon.</td>
</tr>
<tr>
<td>18.50</td>
<td>Bottom of descent.</td>
</tr>
<tr>
<td></td>
<td>Wash in canyon, 40 lns. wide, a trace of water.</td>
</tr>
<tr>
<td></td>
<td>Course S. 20° 00' W.</td>
</tr>
<tr>
<td></td>
<td>Ascend 25 ft. over rolling E. slope.</td>
</tr>
<tr>
<td>23.50</td>
<td>Wash 10 lns. wide. Course south.</td>
</tr>
<tr>
<td>29.00</td>
<td>Top of ridge bears N. and S. Desc. 35 ft. over steep W. slope.</td>
</tr>
<tr>
<td>31.00</td>
<td>Leave listed and enter unlisted land. Leave wire fence bearing N. 49° 45' W.</td>
</tr>
<tr>
<td>32.25</td>
<td>Wash 20 lns. wide. Course South, bottom of descent.</td>
</tr>
<tr>
<td>42.00</td>
<td>To Cor. No. 1, the place of beginning.</td>
</tr>
</tbody>
</table>

**AREA**

<table>
<thead>
<tr>
<th>Area of listed land</th>
<th>104.00 acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area of unlisted land</td>
<td>42.47 acres</td>
</tr>
<tr>
<td>Total area</td>
<td>146.47 acres</td>
</tr>
</tbody>
</table>

**IMPROVEMENTS**

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

A galvanized iron store house, 8 x 10 ft. course of long sides, E. and W. The NE. cor. of which bears S. 22° 41' W., 22.50 chs. dist. from Cor. No. 2.

Value: $25.00

A galvanized iron dwelling house, 18 x 18 ft. course of sides N. and S., the NE. cor. of which bears S. 24° 06' W., 21.30 chs. dist. from cor. No. 2.

Value: $150.00
Homestead Entry Survey No. 523
Coronado National Forest
State of Arizona

Chains

A galvanized iron barn, 20 x 30 ft. Course of long side E. and W. The NE. cor. of which bears S. 23° 48' W., 25.15 chs. dist. from cor. no. 2.

Value: $75.00

A rock cellar, 8 x 8 ft. Course of sides E. and W.

The NE. cor. of which bears S. 19° 00' W., 20.15 chs. dist. from cor. no. 2.

Value: $15.00

About 1 mile of barbed wire fencing.

Value: $150.00

800 ft. of 3 inch water pipe, laid to house from spring.

Value: $500.00

Total value of improvements: $915.00

Description.

This claim is located in a draw draining SW. The soil in the valley is a brown adobe, second rate. About 30 acres are now under cultivation, producing good crops of beans, corn and vegetables.

60 acres of the tract is suitable for farming. The remainder is on rocky hillsides and fit for grazing only.

There is no merchantable timber on the claim.

There is no permanent water on the claim. Water for domestic use and for stock is obtained from a spring north of the claim and is piped to the dwelling. No indication of mineral were observed on the claim.

Conflicts and adjoining claims.

There are no conflicts or adjoining claims. R E S No. 539 is about 3 1/4 miles north, and R E S 302 is about 1/2 mile north of the claim.

The nearest trading point and railway station is Nogales, Arizona, about 35 miles west of the claim and is
Chains reached by a fairly good wagon road. Parker Canyon, Arizona, the nearest post office, is about 12 miles distant in a northwesterly direction.

<table>
<thead>
<tr>
<th>Cor.</th>
<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>1-2</td>
<td>N. 49° 43' E.</td>
<td>54.99</td>
<td>25.55</td>
<td>41.95</td>
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<tr>
<td>2-3</td>
<td>N. 89° 43' E.</td>
<td>42.00</td>
<td>.21</td>
<td>42.00</td>
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<tr>
<td>3-4</td>
<td>S. 49° 43' W.</td>
<td>55.00</td>
<td>35.56</td>
<td>41.96</td>
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</tr>
<tr>
<td>4-1</td>
<td>S. 89° 43' W.</td>
<td>42.00</td>
<td>.21</td>
<td>42.00</td>
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<tr>
<td></td>
<td></td>
<td>193.99</td>
<td>35.76</td>
<td>82.95</td>
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</tbody>
</table>

Error in Lat. and Dep. .01 .01

Closing error 1:13717

TIE FROM COR.1 TO INTERNATIONAL BOUNDARY MONUMENT NO. 105

| S. | O° 17' E. | .91  | .91  |
|    | S. 89° 43' W. | 3.64 | .04  | 8.64 |
|    |             | .95  | 8.54 |

Tie is S. 85° 44' W. 8.69 chs.

TIE FROM COR. 2 H E S 522 to COR. 1 H E S 529.

| N. 89° 43' E. | 0.38  | .38  |
| N. 9° 53' W.  | 42.33 | 42.69 | 7.44 |
| N. 1° 18' E.  | 9.57  | 9.57 | 7.44 |

Tie is N. 7° 27' W. 52.71 chs.

Survey completed May 23, 1917.

Surveyor - Forest Service
<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>
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<td></td>
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<td></td>
<td>NORTH</td>
<td>SOUTH</td>
<td>EAST</td>
<td>WEST</td>
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<tr>
<td>1-2</td>
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<td>54.99</td>
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<td>5-4</td>
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<td>126.95</td>
<td>4478.78</td>
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<td>193.99</td>
<td>35.76</td>
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<td>82.95</td>
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Closing error 1:13717
### TABLED AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. STATES

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<th>CORNERS</th>
<th>BEARING</th>
<th>DISTANCE</th>
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<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>NORTH</td>
<td>SOUTH</td>
<td>EAST</td>
<td>WEST</td>
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<tr>
<td>1 N. 89° 48' E</td>
<td>32.01</td>
<td>11</td>
<td>32 01</td>
<td>106 15</td>
<td>11 90</td>
<td>2261 45</td>
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<tr>
<td>2 S. 49° 45' W</td>
<td>51.26</td>
<td>66 14</td>
<td>69 10</td>
<td>101 10</td>
<td>2261 45</td>
<td></td>
<td></td>
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<tr>
<td>3 S. 89° 45' W</td>
<td>31.00</td>
<td>15</td>
<td>31 00</td>
<td>31 00</td>
<td>4 60</td>
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<td></td>
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<tr>
<td>4 N. 48° 55' E</td>
<td>50.52</td>
<td>33 19</td>
<td>33 00</td>
<td>33 00</td>
<td>1264 21</td>
<td></td>
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<tr>
<td>5 104.78</td>
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<td>83 29</td>
<td>70 12</td>
<td>70 12</td>
<td>1276 11</td>
<td></td>
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<tr>
<td>6 20 / 2000 00</td>
<td>104 00 Acres</td>
<td></td>
<td></td>
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</tr>
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</table>

Traverse of Listed Area
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 10, 1920

The foregoing field notes of Homestead Entry Survey No.

532

executed by C. A. Long, Surveyor
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.

[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.