FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 524

SITUATED IN THE Coronado NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 6, unsurveyed, Township 25 S., Range 18 E.,

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing  Bud Baldwin,

Residence  Howry, Arizona

Application No. 412, dated June 17, 1915

List No. 3-3616, dated July 1, 1915

Applicant for survey  Bud Baldwin,

Residence  Howry, Arizona

H. R. No. 026423, dated October 30, 1915;

Office  Land Office, Phoenix, Arizona.

Survey executed by  C. A. Long,

Surveyor-Forest Service.

(Uss.-Forest Service Title)

Under special instructions dated March 28, 1917.

Survey commenced May 8, 1917.

Survey completed May 9, 1917.

OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long, Surveyor - Forest Service in surveying all those parts or portions of Homestead Entry Survey No. 524, 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 the oaths to Assistants; hence, they were taken by the Surveyor.

Subscribed and sworn to before me this 9th day of May, 1917.

Surveyor - Forest Service.

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 embraced in

Patent, No. 3-3616, dated July 1, 1915, for the same to be known as Homestead Entry Survey No. 524, situated within the Coronado National Forest, in

surveyed Section 6, Township 23 S., Range 18 E., and

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.

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

Notary Public

My Commission Expires March 17, 1921.
CHAINS

Applicant for listing, Bud Baldwin; Application No. 412, dated June 17, 1916; List No. 5-5616, dated July 1, 1915; H. E. 082483 made in the Phoenix Land Office on October 30, 1915, by Bud Baldwin.

Surveyed under special instructions from the Surveyor General for Arizona, dated March 28, 1917, and designated as Homestead Entry Survey No. 524.

Situated in what will probably be when surveyed Sec. 6, T. 23 S., R. 18 R., Gila and Salt River Base and Meridian, within the Coronado National Forest, Arizona.


Survey commenced May 8, 1917, and executed with a Buff and Buff transit No. 10530, 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 8, 1917.

At Cor. H-1 of the last survey, hereinafter described, at 6h. 53.7m. P.M. 1.m.t. I observe Polaris with telescope direct, reading an angle of 20° 28' from star to right to a reference mark three miles distant.

Latitude 31° 27' 46'' N. Longitude 110° 33' 48'' W.

from Nogales quadrangle U.S.G.S.

Greenwich m.t. U.C. Polaris May 8, 1917 10h. 25.7m. A.M.

Correction for Longitude 1.2m.

l.m.t. U.C. Polaris May 8, 1917 10h. 25.5m. + 12h. 00.0m

Astron. l.m.t. U.C. Pol. May 7, 1917 22h. 25.5m.

Astron. l.m.t. of obs. May 7, 1917 30h. 53.7

Hour angle 8h. 28.2m.
Chains

Azimuth of Polaris at observation 1° 03' 03" W.
Bearing of reference mark: N. 19° 22' 57" E.
At the same station at 6h. 55.7m. p.m. 1.m.t. I again observe Polaris with telescope, reading angle of 20° 25' 30" from star to right to the same reference mark.

Astron. 1.m.t. U.Ø. Polaris May 7, 1917, 22h. 25.5m.
Astron. 1.m.t. of oben. May 7, 1917 20h. 55.7m.
Hour angle 3h. 30.2m.

Azimuth of Polaris at observation 1° 03' 40" W.
Bearing of reference mark N. 19° 22' 50" E.
The two observations give a mean bearing of reference mark of N. 19° 22' 54" E. and from the corresponding meridian all the courses of this survey were deflected.

May 9, 1917.

Retracements

Beginning at the 1/4 sec. cor. bet. secs. 1 and 6, T. 25 S., Rs. 17 and 18 E., which is a sandstone 5 x 8 x 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence South

Retracing line bet. secs. 1 and 6, S 1/2.

40.10 Intersect the cor. to secs. 1, 6, 7 and 12 which is a sandstone 8 x 6 x 12 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence North.

On a true line,

35.09 The proportionate point for cor. of the claim, set temp. point.

40.10 The 1/4 cor. heretofore described.

Thence North.

Retracing line bet. secs. 1 and 6, N 1/2.
Chains 40.05

Intersect the cor. to Top 22 and 22 S., Ranges 17 and 18 E., which is a sandstone 6 x 10 x 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence South

On a true line

35.05

The proportionate point for a corner of the claim, set temp. point.

40.05

The 1/4 sec. cor. and place of beginning.

BOUNDARIES OF CLAIM

May 9, 1917.

Beginning at Cor. No. 1

Deposit a sandstone 2 x 6 x 6 ins. marked with a + 12 ins. in the ground, over which set a Porphyry stone 12 x 16 x 22 ins. (No larger stone available), chiseled + for the point and 1 H E S 524 on SE face; and C.C. on NE face, raise a mound of stone 4 ft. base 3 ft. high NE of cor., whence:

A black oak 50 ins. dia. bears N. 35° 45' E.

93 links dist.

A black oak 14 ins. dia. bears N. 72° 25' W.

58 links dist.

Each blazed and scribed C.C. 1 H E S + 524 E.T.

The 1/4 cor. bet. secs. 1 and 6, heretofore described bears South 5.00 chains dist.

Cor. H-1 of the list survey, which is a Granite stone 6 x 10 x 14 ins. above ground, marked and witnessed as described by the Forest Service, bears South 51° 14' dist. I destroy all trace of this list corner.

The observed magnetic declination at 3 p.m. is 12° 00' E., which corrected for diurnal change gives a mean magnetic variation of 12° 02' E.

Latitude 31° 27' 45" N., Longitude 110° 33' 45" W. from
Homestead Entry Survey No. 524
Coronado National Forest
State of Arizona

Chains
Nogales Quadrangle U.S.G.S.
Thence N. 54° 26' E.
Ascend 30 feet to cor. over bottom land through dense oak brush.

2.50 Wash, 15 links wide, course S. 20° 00' W.
9.00 Wash, 20 links wide, course S. 20° 00' W.
19.50 Same wash, course S. 70° 00' W.
20.50 Foot of bank.
21.60 Top of bank.
21.91 To Corner No. 2.

Identical with cor. H-2 of the list survey, which is a Granite stone 8 x 8 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list corner.

Deposit a Porphyry stone 3 x 4 x 7 ins. marked with a +, 24 ins. in the ground, over which set an iron post, 2 ins. dia. 28 ins. long with Brass cap, marked 1917 on S. rim and 2 X H S. 524 on side facing the claim.

Raise a mound of stone 4 ft. base 3 ft. high S. of cor.

Thence:
A black oak 12 ins. dia. bears S. 45° 15' W.,
44 links distant.

A black oak 8 ins. dia. bears S. 68° 35' E.,
44 links distant.

Each blazed, and scribed 2 X H S. + 524 B T.

Thence East,
Over gently rolling table land through dense oak brush.

6.20 Descend 25 feet into draw.
7.00 Bottom of descent, wash 20 links wide, course SW. Ascend 40 ft. to cor. over W. slope.
10.00 Wire fence bears N. and S.
14.79 To cor. No. 3.

Deposit a porphyry stone 3 x 3 x 5 ins., marked with a
Chains

+ 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 524 on SW quadrant.

Raise a mound of stone 4 ft. base 3 ft. high SW of cor.
whence:

A black oak 14 ins. dia. bears S. 45° 15' W.,
14 lks. dist.

A black oak, 8 ins. dia., bears N. 86° 50' E.,
25 links dist.

Each blazed and scribed 3 H E S + 524 B. T.

Cor. H-3 of the list survey, which is a Granite stone
3 x 8 x 12 ins. above ground, marked and witnessed as
described by the Forest Service, bears South 6 lks.
dist. I destroy all trace of this list cor.

Thence South.

Descend 25 feet to cor. over gradual S. slope, through
dense oak brush.

7.50

Wash 20 lks. wide, course S., 70° 00' W.

Bottom of descent, thence over bottom land...

To cor. No. 4.

Deposit a Porphyry stone 3 x 3 x 5 ins., marked with a
+ 14 ins. in the ground, over which set a Porphyry
stone 10 x 12 x 24 ins. chiseled + for the point and
4 H E S 524 on NW face; raise a mound of stone 4 ft.
base 3 ft. high NW of cor. whence:

A black oak 20 ins. dia. bears N. 17° 25' E.,
26 links distant.

A black oak 6 ins. dia. bears N. 68° 16' W.,
45 links distant.

Each blazed and scribed 4 H E S + 524 B. T.

Cor. H-4 of the list survey, which is a Granite stone
6 x 14 x 16 ins. above ground, marked and witnessed
Chains  

<table>
<thead>
<tr>
<th>Distance</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00</td>
<td>Leave bottom land, ascend 40 ft. over steep N. slope.</td>
</tr>
<tr>
<td>5.80</td>
<td>Descend 75 ft. to cor. over rolling land. Cross to N. side of wire fence.</td>
</tr>
<tr>
<td>12.80</td>
<td>Draw, course N. 60° 00' W.</td>
</tr>
<tr>
<td>21.00</td>
<td>Draw, course NW.</td>
</tr>
<tr>
<td>25.00</td>
<td>Draw, course NW.</td>
</tr>
<tr>
<td>33.75</td>
<td>Begin steep descent of W. slope.</td>
</tr>
<tr>
<td>35.03</td>
<td>To cor. No. 5, and C. C. on line bet. secs. 1 and 6. Deposit a Porphyry stone 3 x 5 x 6 ins. marked with a +12 ins. in the ground, over which set a Porphyry stone 16 x 18 x 22 ins. (no larger stone available), chiseled + for the point and 5 H B S 524 on N. E. face; and C C on side facing the closing line; raise a mound of stone 4 ft. base 3 ft. high. N. 68° 32' E. of cor., whence:</td>
</tr>
</tbody>
</table>

A black oak 16 ins. dia. bears N. 32° 00' E., 36 ins. dist.  

A black oak 18 ins. dia. bears N. 46° 55' W., 78 ins. dist.  

Each blazed and scribed C C 5 H B S + 524 B T.  

1/4 cor. bet. secs. 1 and 6, heretofore described, bears North 5.01 chains dist.  

Cor. to secs. 1, 6, 7 and 12 heretofore described, bears South 35.09 chains dist.  

Cor. H-5 of the last survey, which is a Granite stone 6 x 8 x 18 ins. above ground, marked and witnessed as
Chains described by the Forest Service, bears West 1 link dist. 1 destroy all trace of this list corner.

Thenoe North.

Along line bet. secs. 1 and 6. Descend 10 ft. over foot of N. slope, through dense oak brush.

3.50 Bottom of descent. Ascend 10 ft. to cor. over gradual S. slope.

5.01 1/4 cor. bet. secs. 1 and 6, heretofore described.

5.66 dim road bears N.N. and SW.

9.25 Wash, 15 links wide, course S.W.

10.01 To cor. No. 1, the place of beginning.

<table>
<thead>
<tr>
<th>AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total area, 41.95 acres</td>
</tr>
</tbody>
</table>

**IMPROVEMENTS**

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

A wind mill over a drilled well 205 feet deep, the center of which bears N. 55° 43' W., 8.60 chains distant from Corner No. 4.

value .................................. $600.00

A tent house 12 x 12 feet, course of long side, east and west, the SE. cor. of which bears N. 59° 43' W., 7.50 chains distant from Corner No. 4.

value .................................. $ 50.00

A pole corral 100 x 100 feet, course of sides east and west, the SE cor. of which bears N. 45° 30' W., 8.00 chains distant from Corner No. 4.

value .................................. $ 50.00
HOMESTEAD ENTRY SURVEY NO. 524
CORONADO NATIONAL FOREST
STATE OF ARIZONA

Chains

One mile of barbed wire fence,

Value .......................... $100.00

Total value of improvements .......................... $800.00

DESCRIPTION

This claim is located in a narrow draw, draining S. W.
The entire area is covered with a dense growth of
scrub oak and oak brush, there is no merchantable
timber on the claim. The soil is a brown sandy loam,
second rate, none of which is under cultivation.
Water for all domestic purposes and for watering about
100 head of cattle is obtained from a drilled well on
the claim.

There is no evidence of mineral on the claim.

Conflicts and Adjoining Claims:

There are no conflicts. This survey is joined on the
west by legal subdivision: portion of claimant's
entry more particularly described as follows: S/2 S/2
SE/4 NE/4, N/2 NE/4 SE/4, and N/2 SW/4 NE/4 SE/4,
Sec. 1, T. 25 S., R. 17 E.

Mowry, Arizona, postoffice is about ten miles in a west-
erly direction. Patagonia, the nearest railway Sta-
tion is 18 miles in a northwesterly direction and is
reached by fairly good wagon road.

TRaverse

<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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<tbody>
<tr>
<td>N. 54° 26' E.</td>
<td>21.91</td>
<td>12.74</td>
<td>17.82</td>
<td>14.79</td>
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<td>E.</td>
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<tr>
<td>S. 68° 22' W.</td>
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<td>32.60</td>
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<tr>
<td>N.</td>
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<td>.01</td>
<td>.01</td>
<td>.01</td>
<td></td>
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</tbody>
</table>

Closing error 1:6485

Survey completed May 9, 1917.
### TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 524, 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>
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<td>North</td>
<td>South</td>
<td>East</td>
<td>West</td>
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<tr>
<td>1-2</td>
<td>N. 54° 26' E.</td>
<td>21.91</td>
<td>12.74</td>
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<td>2-3</td>
<td>East</td>
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<td>14.79</td>
<td>50.43</td>
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<td>3-4</td>
<td>South</td>
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<td>648.29</td>
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<td>4-5</td>
<td>S. 68° 32' W.</td>
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|         |               |          |          |            |              |          |          |

41.95 acres.
The Foregoing Shall Note of Homestead Entry Survey Do.

Phoenix, Arizona, 10th, 1940

Office of the United States Surveyor General.

APPROVAL