U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 89
SITUATED IN THE PRESCOTT
NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3

In Section 19, surveyed, Township 15 N., Range 3 E.
In Section 24, surveyed, Township 15 N., Range 2 E.
In Section 30, surveyed, Township 15 N., Range 3 E.

of the
Gila and Salt River Base and Meridian.
State of
ARIZONA

Applicant for listing

Dan Gilliland,
Dewey, Arizona.

Residence
Application No. 45, dated May 10, 1909
Application No. 46, dated July 21, 1911
List No. 3-242, dated August 5, 1909
List No. 3-1731, dated February 2, 1912

Applicant for survey

Dan Gilliland,
Dewey, Arizona.

Residence
H. E. No. 07718, dated December 15, 1909
H. E. No. 024325, dated February 6, 1914

Land District
Phoenix, Arizona.

Survey executed by Charles D. Hodson, Surveyor - Draftsman
(Forest Service Title)

Under special instructions dated August 12, 1913
Survey commenced August 4, 1915
Survey completed August 7, 1915

OATH OF ASSISTANTS

We hereby certify that we assisted Charles D. Hodson,
Surveyor - Draftsman
in surveying all those parts or portions of Homestead Entry Survey No. 69, 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 1st day of October, 1915.

Charles D. Hodson, Surveyor - Draftsman

OATH OF SURVEYOR

I, Charles D. Hodson, Surveyor - Draftsman
(For Service Title)
do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated August 12, 1915, 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. 3-242, dated August 5, 1909 and List No. 2-178, dated Feb. 2, 1912, for the same to be known as Homestead Entry Survey No. 69, under the Act of June 11, 1906, the Patent situated within the Prescott National Forest, in G. and S. R. B. 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 18th day of
October, 1915.

Charles Hodson, Surveyor - Draftsman

[Seal]
| Chains | Applicant for listing, Dan Gilliland; Application No. 45, dated May 10, 1909 and July 21, 1911; List No. 3-242 and No. 3-1731, dated August 5, 1909 and February 2, 1912; H. E. 07719 and 024325, made in the Phoenix Land Office on December 15, 1909 and February 6, 1914, by Dan Gilliland. Surveyed under special instructions from the Surveyor General for Arizona, dated August 12, 1912, and designated as Homestead Entry Survey No. 99. Situated in Secs. 19, 24 and 30, T.13 N., R. 2 and 3 E., Gila and Salt River Base and Meridian, Prescott National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and March 4, 1915. Survey commenced August 4, 1915, and executed with a Buff and Buff transit No. 9700-6. I test the adjustments of the transit and make necessary corrections. All measurements were made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer. August 4, 1915. At 7h. 15m. 24s. p.m., l.m.t., I observe Polaris at cor. No. 12, and mark the line thus determined by a tack in a stake set 5.00 chs. N. of my station. Lat. 34° 30' 40" N. Long. 112° 05' 40" W., obtained from the special instructions from the Surveyor General.
Greenwich m.t. U. C. Pol. August 5, 1915, 4h. 39.0m. a.m.
Corr. for Long., 1.3m.

1.m.t. U. C. Pol., August 5, 1915, 4h. 37.7m. a.m.
12h. - 7h. 15m. 34s. = 4h. 44.6m.

Hour angle and time argument, 9h. 22.3m.

Azimuth of Pol. at obsn., 0° 52' 06" E.

At 7h. 20m. 06s. p.m., 1.m.t., I again obs. Pol.

Greenwich m.t. U.C. Pol. August 5, 1915, 4h. 39.0m. a.m.
Corr. for Long., 1.3m.

1.m.t., U. C. Pol., August 5, 1915, 4h. 37.7m. a.m.
12h. - 7h. 20.1m. = 4h. 39.9m.

Hour angle and time argument, 9h. 17.6m.

Azimuth of Pol. at obsn., 0° 53' 24" E.

August 4, 1915.

August 5, 1915.
At 7h. 00m. a.m., 1.m.t., I lay off 0° 52' to the West of my line of sight of last night's (first) obsn. and mark the line with a tack driven in a stake 5.00 chs. N. of my station.
I also lay off 0° 53' 20" to the W. of my line of sight of last night's (second) obsn., which falls 1 in. West of the point set by deflection from first obsn.
I decide that my meridian has been satisfactorily determined and choose the mean of the two lines therefor. From the meridian thus determined all courses of this survey are deflected.
RETRACEMENT

Beginning at the cor. to secs. 19, 24, 25 and 30, T. 3 N., Rs. 2 and 3 E., a post 24 x 3 x 3 ins. The scribing and notches have disappeared from this post but it still bears the axe marks made in hewing. I make careful search and find the decaying stump of the post, extending from 1 in. below surface of ground to 12 ins. below surface. I found several small stones, but none that I could identify as the memorial to this cor.

There has never been a fence or timber growth on the mesa where this cor. is located.

At this point I set a malpais stone 20 x 10 x 4 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel 2 grooves on S. face and 4 grooves on N. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor.

No bearings available and pits impracticable.

Thence North.

On a random line bet. secs. 19 and 24.

40.00 After careful and diligent search I fail to find any trace of the 1/4 cor. bet. secs. 19 and 24.

80.00 After careful and diligent search I fail to find any trace of the cor. to secs. 13, 18, 19 and 24.

Thence North.

On a random line bet. secs. 13 and 18.

41.03 Fall 80 lks. W. of the 1/4 cor. bet. secs. 13 and 18, a limestone 12 x 8 x 6 ins. above ground, marked and witnessed as described by the Surveyor General. I raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.
Chains Thence S. 0° 23' W.

On a true line bet. secs. 15 and 18.

40.34 To cor. secs. 13, 18, 19 and 24.

I set a malpais stone 15 x 6 x 6 ins., 10 ins. in the ground, over a small stone marked with a cross. I chisel 3 grooves on the S. face and 3 grooves on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high. W. of cor.

No bearings available, pits impracticable.

Thence S. 0° 23' W.

On a true line bet. secs. 19 and 24.

40.34 To the 1/4 cor. bet. secs. 19 and 24.

I set a malpais stone 20 x 10 x 6 ins., 15 ins. in the ground, over a small stone marked with a cross. I chisel 1/4 S on the W. face; dig pits 24 x 24 x 12 ins. N. and S. of cor., 5-1/2 ft. dist.; and raise a mound of stone covered with earth 5 ft. base, 2-1/2 ft. high. W. of cor.

80.69 Intersect the cor. to secs. 19, 24, 25 and 30.

The cor. to secs. 19, 20, 29 and 30 being visible from this cor., I run S. 88° 41' E. on a true line bet.

secs. 19 and 30.

40.00 After careful and diligent search I fail to find any trace of the 1/4 sec. cor. bet. secs. 19 and 20. Set temp. point.

85.00 Intersect cor. to secs. 19, 20, 29 and 30, a malpais stone 14 x 16 x 16 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence N. 88° 41' W.

On a true line bet. secs. 19 and 30.
Chains 41.90 W. C. to 1/4 cor. bet. secs. 19 and 30.

Set a malpais stone, 24 x 12 x 10 ins., 5 ins. in ground, over a small stone marked with a cross and surrounded by a mound of stone 4 ft. base, 1 ft. high, marked W C 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1-1/2 ft. high, N. of cor., whence:

A malpais boulder in place 3 x 2 x 1 ft. above ground, chiseled + B R W C 1/4 S, bears N. 22° 15' W., 35 lbs. dist.

A walnut tree 20 ins. dia., blazed and scribed W C 1/4 S B R, bears S. 71° 01' W., 294 lbs. dist.

42.55 Point for 1/4 sec. cor.

Point falls in Ash creek and cor. would not be permanent if set.

85.00 Intersect cor. to secs. 19, 24, 25 and 30.

August 5, 1915.

August 6, 1915.

Beginning at cor. No. 1 and C. C. on line bet. secs. 19 and 30.

Point falls in Ash creek, and would not be permanent if set, therefore set witness corners. At a point S. 88° 41' W., 2.23 chs. dist. from position for cor. set a malpais stone 24 x 10 x 3 ins., 6 ins. in ground over a small stone marked with a cross, and surrounded by a mound of stone 5 ft. base, 1 ft. high. I chisel + at the point, W. C - 1 - H B S 89 on SW. face; C C on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor., whence:

A malpais boulder in place 3 x 2 x 1 ft. above ground, marked + W C - 1 - H B S 89 B R.
bears N. 24° 00' W., 25 lks. dist.

A walnut tree 20 ins. dia., blazed and scribed
W C 1 - H E S 89 + B T, bears S. 71° 00' W.,
295 lks. dist.

Note: It was impracticable to set this W. C. within
claim within three chains of position for cor. which
would not fall in bed of Ash Creek.

From point for cor. No. 1, W. C. to 1/4 cor.

bet. secs. 19 and 30, previously described,
bears S. 88° 41' E., 2.29 chs. dist.

From point for cor. No. 1, point for 1/4 cor.

bet. secs. 19 and 30, bears S. 88° 41' E.,
1.64 chs. dist.

From point for cor. No. 1, the cor. to secs.
19, 24, 25 and 30, previously described,
bears N. 38° 41' W., 40.81 chs. dist.

Lat. 34° 30' 30" N., Long. 112° 05' 10" W., taken from
special instructions of Surveyor General.

Mag. decl. at 9 a.m., 14° 06' E. Mean mag. decl.
14° 03' E.

Thence S. 49° 41' E.

Over bottom land subject to overflow.

3.95 Asc. steep slope, 20 ft. above bed of creek.

4.20 To cor. No. 2.

Identical with cor. N-4 of list 3-242, a malpais
stone 3-1/2 x 2 x 1 ft. above ground, marked and
witnessed as described by the Forest Service. I
destroy all trace of this list cor. and chisel same
stone + on top for exact point and 2 - H E S 89 on
W. face; and raise a mound of stone 2 ft. base, 1-1/2
ft. high, W. of cor., whence:

...
HOMESTEAD ENTRY SURVEY NO. 89
PRUSSETT NATIONAL FOREST
STATE OF ARIZONA

Chains

A malpais boulder, 16 x 10 x 5 ft. above ground, marked +B R 2 H E S 89, bears S. 37° 07' E., 101.5 lks. dist.

A malpais ledge, 20 x 4 x 3 ft. above ground, marked +B R 2 H E S 89, bears N. 60° 33' E., 24 lks. dist.

Cor. No. 6 of H. E. S. No. 82, bears S. 27° 52' E., 16.4 lks. dist.

Thence S. 78° 30' W.

Asc. gradually along North side of hill, through heavy brush.

5.00 Top of ascent, 25 ft. above creek bed, desc. through brush.

10.60 Foot of descent, thence over level ground.

17.14 To cor. No. 3.

Identical with cor. H-5 of List 3b-242, a malpais stone 12 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a malpais stone 24 x 8 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 3 - H E S 89 on the N. face; and raise a mound of stone, 2 ft. 'base, 1-1/2 ft. high, N. of cor., whence:

A malpais boulder 3 x 1 x 3 ft. above ground, marked +B R 3 H E S 89, bears S. 0° 10' E., 165 lks. dist.

A malpais boulder 5 x 2 x 2 ft. above ground, marked +B R 3 H E S 89, bears N. 64° 40' E., 161 lks. dist.
Chains

Thence N. 47° 34' W. Over level ground.

6.30 Wire fence, bears N. 50° W. and S. 50° E.

6.01 To cor. No. 4.

Identical with cor. H-6 of List No. 3-242, a granite stone 8 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a malpais stone 24 x 10 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 4 - H E S 89 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence:

A desert willow, 10 ins. dia., blazed and scribed 4 H E S 89 + B T, bears N. 23° 38' W., 98 lks. dist.

An ash, 10 ins. dia., blazed and scribed 4 H E S 89 + B T, bears N. 40° 17' E., 214 lks. dist.

Thence N. 62° 05' W.

Over level ground.

0.46 Wire fence, bears N. and S.

2.85 To cor. No. 5, and C. C. on line bet. secs. 19 and 30.

I set a cyanite stone, 24 x 12 x 12 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 5 - H E S 89 on the NE. face, 0 0 on the SE. face; and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor., whence:

A desert willow, 14 ins. dia., blazed and scribed 5 H E S 89 + B T, bears N. 60° 52' E., 129 lks. dist.
Chains

A desert willow, 8 ins. di., blazed and scribed 5 H E S 89 + B T, bears N. 38° 57' W., 127 lks. dist.

Point for cor. No. 1 bears S. 88° 41' E., 22.12 chs. dist.
W. C. to 1/4 cor. bet. secs. 19 and 30, previously described, bears S. 88° 41' E., 24.41 chs. dist.
Cor. to secs. 19, 24, 25 and 30, previously described, bears N. 88° 41' W., 18.69 chs. dist.

Thence N. 68° 06' 05" W.

0.35 Enter bed of Ash Creek, 100 lks. wide, banks 10 ft. high, course E.

5.10 Leave bed of Ash creek, 100 lks. wide, banks 10 ft. high. Thence asc. gentle ENE. slope.

11.50 Read bears N. and S.

20.20 Top of asc. Desc. 15 ft.

21.11 To cor. No. 6 and C. C. on line bet. secs. 19 and 24.

A malpais stone 36 x 10 x 5 ins., 12 ins. in the ground over a small stone marked with a cross and surrounded by a mound of stone 5 ft. base, 1 ft. high. I chisel a cross at the point, 6 H E S 89 on the NE. face, C C on the SE. face; and raise a mound of stone 5 ft. base, 2 ft. high SE. of cor., whence:

A juniper 6 ins. di., blazed and scribed 6 H E S 89 + B T, bears N. 85° 15' W., 113 lks. dist.

A desert willow 6 ins. di., blazed and scribed 6 H E S 89 + B T, bears N. 60° 00' W., 168 lks. dist.
HOMESTEAD ENTRY SURVEY NO. 89
PRESCHOOL NATIONAL FOREST
STATE OF ARIZONA

Chains

Cor. to secs. 19, 24, 25 and 30, previously described, bears S. 0° 23' W., 9.43 chs.
dist. 117 p.p.

The 1/4 cor. bet. secs. 19 and 24, previously described, bears N. 0° 23' E., 30.92
chs. dist.

Descending.

1.75 Cross draw, 5 lks. wide, 1 ft. deep, course N.

3.85 Enter bed of Ash Creek, 90 lks. wide, banks 1 ft. high, course S.

5.95 Leave Ash Creek, banks 2 ft. high, course E.

6.52 To cor. No. 7.

Identical with cor. H-7 of list 3-242, a granite stone 8 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a cyanite stone, 24 x 6 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point and, 7 - H E S 89 on the N. face; and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 7 ft. dist. and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, N. of cor., whence:

An ash, 7 ins. diam., blazed and scribed:

7 H E S 89, + B T, bears S. 30° 00' W.,

144 lks. dist.

Thence S. 13° 30' W.

Enter List No. 3-1731.

Over level ground.

1.24 To cor. No. 8.
Chains: Identical with cor. H-4 of List No. 3-1731, an ash tree 10 ins. dia., marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and mark same tree 8 - R E S 89 on NNW. side; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NNW. of cor., whence:

An ash 7 ins. dia., blazed and scribed 8 R E S 89 + B T, bears S. 84° 30' W., 43 lks. dist.

An ash 6 ins. dia., blazed and scribed 8 R E S 89 + B T, bears S. 48° 10' W., 13 lks. dist.

August 6, 1915.

August 7, 1915. Thence N. 49° 52' W.

Over level ground.

3.20 Ash Creek, 90 lks. wide, course SE.

18.20 Ash Creek, 45 lks. wide, course E.

25.80, Ash Creek, 30 lks. wide, course SE. Asc. along E.

Slope of mesa through heavy brush, 75 ft. above bed of Ash Creek.

29.88 To cor. No. 9.

Identical with cor. H-3 of List No. 3-1731, a malpais ledge, 15 x 8 x 6 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. I chisel a cross at the point, 9 - R E S 89 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., whence: A malpais boulder in place 3 x 3 x 12 ft. above ground, marked + B R 9 R E S 89, bears S. 8° 50' E., 79 lks. dist.
<table>
<thead>
<tr>
<th>Chains</th>
<th>A malpais boulder in place, 2 x 1 x 3 ft. above ground, marked + B R 2 H E S 89, bears N. 46° 20' E., 26.5 lks. dist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thence N. 59° 31' E.</td>
<td>Desc. E. slope of mesa 75 ft. to bed of creek.</td>
</tr>
<tr>
<td>1.80 Ash Creek, 30 lks. wide, course SE.</td>
<td>Thence over level ground.</td>
</tr>
<tr>
<td>3.00 Irrigation ditch, 5 lks. wide, 1 ft. deep, course SE.</td>
<td></td>
</tr>
<tr>
<td>5.75 To cor. No. 10.</td>
<td></td>
</tr>
<tr>
<td>Idenitical with cor. H-2 of List 2-1731, an ash tree 6 ins. dia., marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and mark same tree 10 - H E S 89 on the S. side; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor., whence:</td>
<td></td>
</tr>
<tr>
<td>A desert willow, 16 ins. dia., blazed and scribed 10 H E S 89 + B.T., bears S. 60° 10' W., 38 lks. dist.</td>
<td></td>
</tr>
<tr>
<td>A malpais boulder 3 x 2 x 1 ft. above ground, marked + B R 10 H E S 89, bears N. 6° 35' E., 122 lks. dist.</td>
<td></td>
</tr>
<tr>
<td>Thence S. 52° 15' E.</td>
<td>Over level land.</td>
</tr>
<tr>
<td>0.50 Road, bears NW. and SE.</td>
<td></td>
</tr>
<tr>
<td>23.00 Arroyo, 10 lks. wide, 3 ft. deep, course S.</td>
<td></td>
</tr>
<tr>
<td>24.54 To cor. No. 11.</td>
<td>Idenitical with cor. H-1 of List No. 3-1731 and List No. 3-242, and Forest Service Monument, a cyanite stone 12 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy</td>
</tr>
</tbody>
</table>
Chains

all trace of this list cor. and Forest Service Monument and at this point I set a cyanite stone, 30 x 12 x 12 ins., 20 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 11 - H E S 89 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor., whence:

A malpais boulder in place, 10 x 1 x 3 ft. above ground, marked + B R 11 H E S 89, bears N. 17° 43' E., 38 lks. dist.

A malpais boulder in place, 3 x 2 x 2 ft. above ground, marked + B R 11 H E S 89, bears N. 27° 12' W., 89 lks. dist.

Thence N. 51° 40' E. Over level ground. Re-enter List 3-242.

6.45 To cor. No. 12.

Identical with cor. H-2 of List No. 3-242, a cyanite stone, 24 x 8 x 6 ins., marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a cyanite stone 24 x 8 x 6 ins., 14 ins. in the ground, over a small stone marked with a cross. I chisel a cross at the point, 12 - H E S 89 on the S. face. No bearings available, therefore dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 7 ft. dist.; and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, South of cor.

Thence S. 64° 45' E. Over level ground.

1.44 To cor. No. 13 and G. C. on line bet. secs. 19 and 30.

A malpais stone 24 x 10 x 6 ins., 14 ins. in the
ground over a small stone marked with a cross. I
chisel a cross at the point, 13 - E E S 89 on the SW.
face, and C C on the NW. face. No bearing objects
available, therefore dig pits 36 x 24 x 12 ins. N.
64° 45' W. 8 ft. dist. and 42 x 36 x 12 ins. S. 0°
23' W., 4 ft. dist.; and raise a mound of stone covered
with earth 6 ft. base, 2 ft. high, N. 64° 45' W.,
3-1/2 ft. dist. from cor.

The cor. to secs. 19, 24, 25 and 30, pre-
viously described, bears S. 0° 23' W., 22.70
chs. dist.

Cor. No. 5 bears S. 0° 23' W., 13.27 chs. dist.
The 1/4 cor. bet. secs. 19 and 24, previously
described, bears N. 0° 23' E., 17.55 chs. dist.

Thence S. 64° 45' E.

Over level ground.

1.70 Desc. bank 6 ft. high, bears NE. and SW. Thence
over level ground.

5.35 Wire fence, thence along fence.

13.35 Leave wire fence.

14.10 Arroyo, 15 lks. wide, 6 ft. deep, course S.

22.20 Wire fence, bears E. and W.

25.45 Wire fence, bears NW. and SE.

25.55 Irrigation ditch, 5 lks. wide, 1 ft. deep, course S.

31.35 Arroyo, 14 lks. wide, 5 ft. deep, course S.

32.79 To cor. No. 14.

Identical with cor. H-3 of List No. 3-242, a malpais
stone 12 x 10 x 6 ins. above ground, marked and wit-
nessed as described by the Forest Service. I destroy
all trace of this list cor. and at this point I set a
malpais stone 24 x 16 x 8 ins., 14 ins. in the ground,
Chains

over a small stone marked with a cross. I chisel a
cross at the point, 14 - H E S 89 on the SW. face; and
raise a mound of stone, 2 ft. base, 1-1/2 ft. high, SW.
of cor., whence:

A malpais stone in place, 18 x 12 x 12 ins.
between ground, marked + B R 14 H E S 89,
bears 3. 14°, 17' E., 70 lks. dist.

A malpais stone in place, 18 x 12 x 6 ins. above
ground, marked + B R 14 H E S 89, bears
N. 77° 30' W., 138 lks. dist.

Thence S. 46° 41' W.

Over level mesa.

7.50 Edge of mesa, bears NW. and ESE. Desc. 15 ft.

11.50 W. C. for cor. No. 1.

A malpais stone, 24 x 10 x 8 ins., 14 ins. in the
ground, over a small stone, marked with a cross. I
chisel a cross at the point, W C 1 - H E S 89 on the SW.
face, C C on the NW. face; and raise a mound of stone
2 ft. base, 1-1/2 ft. high, NW. of cor., whence:

A desert willow, 16 ins. dia., blazed and
scribed W C 1 H E S 89 + B T, bears
S. 39° 39' W., 482 lks. dist.

A walnut 20 ins. dia., blazed and scribed
W C 1 H E S 89 + B T, bears S. 32° 40' E.,
225.6 lks. dist.

Note: It was impracticable to set this W. C. within
2.00 cns. of the point for cor. No. 1.

11.55 Enter Ash Creek, course E.

14.60 To point for cor. No. 1 and place of beginning.

August 7, 1915.
### Area

<table>
<thead>
<tr>
<th>Chains</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Sec. 24</td>
<td>23.29 acres</td>
</tr>
<tr>
<td>Area in Sec. 19</td>
<td>44.20 acres</td>
</tr>
<tr>
<td>Area in Sec. 30</td>
<td>9.79 acres</td>
</tr>
<tr>
<td>Total area</td>
<td>77.28 acres</td>
</tr>
</tbody>
</table>

### Improvements

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

1. **A frame house**, 24 x 12 ft., the long side of which bears S. 20° W., and the NE. cor. of which bears from cor. No. 11, S. 36° 25' E., 115 lks. dist.
   - Value: $100.00

2. **A frame house** 30 x 15 ft., the long side of which bears S. 70° E., and the NE. cor. of which bears from cor. No. 11, S. 54° 30' E., 155 lks. dist.
   - Value: $150.00

3. **A frame barn**, 24 x 16 ft., the long side of which bears N. 80° E., and the SW. cor. of which bears from cor. No. 11, S. 89° 30' E., 4 chs. dist.
   - Value: $50.00

4. **A well**, 4 x 4 x 30 ft. deep, cribbed with timber, concrete wall to water and concrete curb at collar, the center of which bears from cor. No. 11, S. 4° 35' W., 205 lks. dist.
   - Value: $75.00

5. **A four-horse-power gasoline engine and centrifugal pump at well.**
   - Value: $100.00

6. **Approximately 1-1/2 miles of wire fence.**
   - Value: $200.00
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<tr>
<th>Chains</th>
<th>Approximately 1-1/2 miles of irrigation ditch.</th>
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<tr>
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**DESCRIPTION.**

This claim covers the valley formed by Ash Creek and is practically level, having a very gentle slope to the SE, and is traversed by Ash Creek.

The soil is deep and fertile and well adapted to agricultural purposes.

There is no timber of commercial value on the claim.

Water for domestic and stock purposes is obtained from the well near the house. Water for irrigation purposes is obtained from Ash Creek, the head of the ditch being about 1/2 mile above the NW. end of the claim.

There are about 20 acres under cultivation, alfalfa, beans and fruit being the principal crops.

I saw no indication of mineral on the ground.

**CONFLICTS AND ADJOINING CLAIMS.**

There are neither conflicts nor adjoining claims.

The homestead claim of W. N. Purdyman, H. E. S. No. 82, is located about 1/4 mile SE. of this claim. The Mulberry administrative site is located approximately 1/2 mile NW. The homestead claim of Anton Peter, H. E. S. No. 327, is located approximately 1-1/2 miles NW.

Dewey, the nearest post office and railroad point, is approximately 12 miles in a Northwesterly direction and is reached by good wagon road.
<table>
<thead>
<tr>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
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Closing error 1:2453.

Survey completed August 7, 1915.

[Signature]

Surveyor - Draftsman
**TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 89, STATE OF ARIZONA.**

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<th>DEPARTURES</th>
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**Area -** 44.20 acres

**Area -** 9.79 acres
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Closing error: 1:1368

Area: 23.29 acres
APPROVAL

Office of the United States Surveyor General,


The foregoing field notes of Homestead Entry Survey No.

executed by Charles D. Holson, Surveyor-Draftsman
under his special instructions, dated August 12, 1913, 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.