

J 27, 1914
175

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUL 5-1915
MAY 20 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 89

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 19 , - surveyed, Township 13 N., Range 3 E.

In Section 24 , - surveyed, Township 13 N., Range 2 E.

In Section 30 , - surveyed, Township 13 N., Range 3 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing **Dan Gilliland,**

Residence			Dewey, Arizona.	
Application No.	45	, dated	May 10	, 1909
Application No.	45	, 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,**

Residence			Dewey, Arizona.	
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

Under Acts of **June 11, 1906 and March 4, 1915.**



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OATH OF ASSISTANTS

We hereby certify that we assisted **Charles D. Hodson,**
Surveyor - Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **89**, 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 estab-
lished, according to the instructions furnished by the United States
Surveyor General for **Arizona.**

Note: It would have been
very expensive and incon-
venient to appear before an
officer to administer oaths
to Assistants; hence, they
were taken by the Surveyor.

E. H. Baecht . Chainman
Douglas E. Meister
Chainman

Subscribed and sworn to before me this **1st** day of
October, 19 **15**.

Charles D. Hodson

Surveyor - Draftsman

OATH OF SURVEYOR

I, **Charles D. Hodson,** **Surveyor - Draftsman**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
August 12, 19**13**, 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**, 19**09** and
List, **No. 3-1731**, dated **Feb. 2**, 19**12**, for
Patent, under the Act of **June 11**, 19**06**,
the same to be known as Homestead Entry Survey No. **89**,
situated within the **PRESCOTT** National Forest, in
- surveyed Section **19**, Township **13 N.**, Range **3 E.**, and
- surveyed Section **24**, Township **13 N.**, Range **2 E.**, and
- surveyed Section **30**, Township **13 N.**, Range **3 E.**

of the **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.

Charles D. Hodson

Surveyor - Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this *eight* day of
October, 19 **15**.

Alma C. Meyer

Notary Public



8-2349

My Commission expires **April 30, 1918.**

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

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. 07718 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, 1913 and designated as Homestead Entry Survey No. 89.

Situated in Secs. 19, 24 and 30, T.13 N., Rs. 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. $34^{\circ} 30' 40''$ N. Long. $112^{\circ} 05' 40''$ W., obtained

from the special instructions from the Surveyor General.

HOMESTEAD ENTRY SURVEY NO. 89

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STATE OF ARIZONA

Chains 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. 24s. = 4h. 44.6m.
 Hour angle and time argument, 9h. 22.3m.
 Azimuth of Pol. at obsn., $0^{\circ} 52' 06''$ 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., $0^{\circ} 53' 24''$ E.
 August 4, 1915.

August 5, 1915.
 At 7h. 00m. a.m., 1.m.t., I lay off $0^{\circ} 52'$ 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 $0^{\circ} 53' 30''$ 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 deter-
 mined and choose the mean of the two lines therefor.
 From the meridian thus determined all courses of this
 survey are deflected.

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Chains

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 ax marks made in hewing. I make careful
search and find the decaying stump of the post, extend-
ing from 1 in. below surface of ground to 12 ins. be-
low 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	<p>Thence S. 0° 23' W.</p> <p>On a true line bet. secs. 13 and 18.</p> <p>40.34 To cor. secs. 13, 18, 19 and 24.</p> <p>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.</p> <p>No bearings available, pits impracticable.</p>
40.34	<p>Thence S. 0° 23' W.</p> <p>On a true line bet. secs. 19 and 24.</p> <p>To the 1/4 cor. bet. secs. 19 and 24.</p> <p>I set a malpais stone 20 x 10 x 6 ins., 13 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., 3-1/2 ft. dist.; and raise a mound of stone covered with earth 5 ft. base, 2-1/2 ft. high, W. of cor.</p>
80.69	<p>Intersect the cor. to secs. 19, 24, 25 and 30.</p> <p>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.</p>
40.00	<p>After careful and diligent search I fail to find any trace of the 1/4 sec. cor. bet. secs. 19 and 30. Set temp. point.</p>
85.00	<p>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.</p>
	<p>Thence N. 88° 41' W.</p> <p>On a true line bet. secs. 19 and 30.</p>

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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 lks. dist.

A walnut tree 20 ins. dia., blazed and scribed W C 1/4 S B T, bears S. 71° 01' W., 294 lks. 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' E., 2.23 chs. dist. from position for cor. set a malpais stone 24 x 10 x 8 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 E 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 E S 89 B R,

79.90-45-40-42.55

Chains

bears N. 24° 00' W., 55 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. 88° 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. 48° 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. H-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:

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Chains

A malpais boulder, 15 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. 16 of H. E. S. No. 82, bears S. 27° 52' E., 16.41 chs. 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.

10.50 Foot of descent, thence over level ground.

17.14 To cor. No. 3.

Identical with cor. H-5 of List 3-242, 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.

8.01 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.

0.45 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, C C 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.

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Chains	<p>A desert willow, 8 ins. dia., blazed and scribed 5 H E S 89 + B T, bears N. 38° 57' W., 127 lks. dist.</p> <p>Point for cor. No. 1 bears S. 88° 41' E., 22.12 chs. dist.</p> <p>W. C. to 1/4 cor. bet. secs. 19 and 30, previously described, bears S. 88° 41' E., 24.41 chs. dist.</p> <p>Cor. to secs. 19, 24, 25 and 30, previously described, bears N. 88° 41' W., 18.69 chs. dist.</p>
	<p>Thence N. 62° 05' W.</p> <p>0.35 Enter bed of Ash Creek, 100 lks. wide, banks 10 ft. high, course E.</p> <p>5.10 Leave bed of Ash creek, 100 lks. wide, banks 10 ft. high. Thence asc. gentle ENE. slope.</p> <p>11.50 Road bears N. and S.</p> <p>20.20 Top of asc. Desc. 15 ft.</p> <p>21.11 To cor. No. 6 and C. C. on line bet. secs. 19 and 24.</p> <p>A malpais stone 36 x 10 x 6 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 3 ft. base, 2 ft. high SE. of cor., whence:</p> <p>A juniper 6 ins. dia., blazed and scribed 6 H E S 89 + B T, bears N. 85° 15' W., 113 lks. dist.</p> <p>A desert willow 6 ins. dia., blazed and scribed 6 H E S 89 + B T, bears N. 60° 00' W., 168 lks. dist.</p>

Chains

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

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

Thence N. 62° 05' W.

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 E.

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

8.52 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. dia., 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.

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Chains 3 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 - H 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 H E S 89 + B. T, bears S. 84° 30' W.,
43 lks. dist.

An ash 6 ins. dia., blazed and scribed
8 H 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 8 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 - H 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 H E S 89, bears S. 8° 50' E., 79 lks. dist.

Chains	<p>A malpais boulder in place, 2 x 1 x 3 ft. above ground, marked + B R 9 H E S 89, bears N. 46° 20' E., 26.5 lks. dist.</p>
	<p>Thence N. 59° 31' E.</p> <p>Desc. E. slope of mesa 75 ft. to bed of creek.</p>
1.80	<p>Ash Creek, 30 lks. wide, course SE.</p> <p>Thence over level ground.</p>
3.00	<p>Irrigation ditch, 5 lks. wide, 1 ft. deep, course SE.</p>
5.75	<p>To cor. No. 10.</p> <p>Identical with cor. H-2 of List 3-1731, 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:</p> <p>A desert willow, 16 ins. dia., blazed and scribed 10 H E S 89 + B.T, bears S. 60° 10' W., 38 lks. dist.</p> <p>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.</p>
	<p>Thence S. 52° 15' E.</p> <p>Over level land.</p>
0.50	<p>Road, bears NW. and SE.</p>
23.00	<p>Arroyo, 10 lks. wide, 3 ft. deep, course S.</p>
24.54	<p>To cor. No. 11.</p> <p>Identical 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</p>

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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. cross-wise 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 C. C. on line bet. secs. 19 and 30.

A malpais stone 24 x 10 x 6 ins., 14 ins. in the

Chains

ground over a small stone marked with a cross. I
chisel a cross at the point, 13 - H 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 sects. 19, 24, 25 and 30, pre-
viously described, bears S. 0° 23' W., 22.70
chs. dist.

Cor. No. 6 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., 17.65 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.

26.55 Irrigation ditch, 5 lks. wide, 1 ft. deep, course E.

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,

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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. above ground, marked + B R 14 H E S 89, bears S. 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' E., 138 lks. dist.

Thence S. 48° 41' E.

Over level mesa.

7.50 Edge of mesa, bears WNW. 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. 34° 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., 324.5 lks. dist.

Note: It was impracticable to set this W. C. within 3.00 chs. of the point for cor. No. 1.

11.55 Enter Ash Creek, course E.

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

August 7, 1915.

Chains

AREA

Area in Sec. 24 - - - - -	23.29 acres
Area in Sec. 19 - - - - -	44.20 acres
Area in Sec. 30 - - - - -	<u>9.79</u> acres
Total area - - - - -	77.28 acres

IMPROVEMENTS.

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

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

A frame house 30 x 15 ft., the long side of which bears S. 70° E., and the N. cor. of which bears from cor. No. 11, S. 54° 30' E., 155 lks. dist.

Value ----- \$150.00

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

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

A four horse-power gasoline engine and centrifugal pump at well.

Value ----- \$100.00

Approximately 1-1/2 miles of wire fence.

Value ----- \$200.00

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains Approximately 1-1/2 miles of irrigation ditch.

. Value ----- \$150.00

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 E. N. Purtyman, 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.

Chains

TRAVERSES.

Area in Sec. 24.

Course	Dist.	N	S	E	W
N. 62° 05' W.	8.52	3.99			7.53
S. 13° 30' W.	1.24		1.21		0.29
N. 49° 52' W.	29.88	19.26			22.84
N. 59° 31' E.	5.75	2.92		4.96	
S. 52° 15' E.	24.54		15.02	19.40	
N. 51° 40' E.	6.45	4.00		5.06	
S. 64° 45' E.	1.44		0.61	1.30	
S. 0° 23' W.	13.27		13.27		0.09
	<u>91.09</u>	<u>30.17</u>	<u>30.11</u>	<u>30.72</u>	<u>30.75</u>
		<u>30.11</u>			<u>30.72</u>
Error in Lat. and Dep.		.06			.03

Closing error 1:1358.

Area in Sec. 19.

Course	Dist.	N	S	E	W
N. 0° 23' E.	13.27	13.27		0.09	
S. 64° 45' E.	32.79		13.99	29.66	
S. 48° 41' E.	14.68		9.69	11.03	
N. 88° 41' W.	22.12	0.51			22.11
N. 62° 05' W.	21.11	9.88			18.65
	<u>103.97</u>	<u>23.66</u>	<u>23.68</u>	<u>40.78</u>	<u>40.76</u>
			<u>23.66</u>	<u>40.76</u>	
Error in Lat. and Dep.			.02	.02	

Closing error 1:3674.

Area in Sec. 30.

Course	Dist.	N	S	E	W
S. 48° 41' E.	4.20		2.77	3.15	
S. 78° 30' W.	17.14		3.42		16.80
N. 47° 34' W.	8.01	5.40			5.91
N. 62° 05' W.	2.85	1.33			2.52
S. 88° 41' E.	22.12		0.51	22.11	
	<u>54.32</u>	<u>6.73</u>	<u>6.70</u>	<u>25.26</u>	<u>25.23</u>
		<u>6.70</u>		<u>25.23</u>	
Error in Lat. and Dep.		.03		.03	

Closing error 1:1280.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Entire Tract.

Course	Dist.	N	S	E	W
S. 78° 30' W.	17.14		3.42		16.80
N. 47° 34' W.	8.01	5.40			5.91
N. 62° 05' W.	32.48	15.21			28.70
S. 13° 30' W.	1.24		1.21		0.29
N. 49° 52' W.	29.88	19.26			22.84
N. 59° 31' E.	5.75	2.92		4.96	
S. 52° 15' E.	24.54		15.02	19.40	
N. 51° 40' E.	6.45	4.00		5.06	
S. 64° 45' E.	34.23		14.60	30.96	
S. 48° 41' E.	18.88		12.47	14.18	
	<u>178.61</u>	<u>46.79</u>	<u>46.72</u>	<u>74.56</u>	<u>74.54</u>
Error in Lat. and Dep.		<u>46.72</u>		<u>74.54</u>	
		.07		.02	

Closing error 1:2453.

Survey completed August 7, 1915.

Charles D. Hodson

Surveyor - Draftsman

DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures. The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLETING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 89, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
6-13	N. 0° 23' E.	13.27	13.27		0.09		0.09		
13-14	S. 64° 45' E.	32.79		13.98	29.66		29.83	417.02	
13-1	S. 48° 41' E.	14.68		9.69	11.03		70.51	683.24	
1-5	N. 88° 41' W.	22.12	0.51			22.11	59.42		
5-6	N. 62° 05' W.	21.11	9.88			18.65	184.26		
		103.97	23.66	23.68	40.78	40.76	216.35	1100.26	
			33.67	33.67	40.77	40.77		216.35	
	Closing error 1:3674						Area -	20) 883.91	44.20 acres
1-2	S. 48° 41' E.	4.20		2.77	3.15		47.33	131.10	
2-3	S. 78° 30' W.	17.14		3.43	3.42	16.80	33.67	115.49	
3-4	N. 47° 34' W.	8.01	5.40			5.91	10.95	59.13	
4-5	N. 62° 05' W.	2.85	1.33			2.52	2.52	3.35	
5-1	S. 88° 41' E.	22.12		0.51	22.11		22.09	11.71	
		54.32	6.73	6.70	25.26	25.23	62.48	258.30	
			6.73	6.73	25.24	25.24		62.48	
	Closing error 1:1280						Area -	20) 195.82	9.79 acres

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 89, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
6-7 88360 46800	N. 62° 05' W.	8.52	3 99				53 75	213 93	
7-8 23365 47200	S. 13° 30' W.	1.24		1 21			45 93		55 58
8-9 74456 44500	N. 49° 52' W.	29.88	19 26				22 84	439 06	
9-10 8678 50100	N. 59° 31' E.	5.75	2 92		4 96		4 96	14 48	
10-11 79069 47200	S. 52° 15' E.	24.54		15 02	19 40		29 33		441 12
11-12 78448 42000	N. 51° 40' E.	6.45	4 00		5 06		53 80	215 20	
12-13 90946 40600	S. 64° 45' E.	1.44		0 61	1 30		60 16		36 70
13-6	S. 0° 23' W.	13.27		13 27			61 37		814 99
		91.09	30 17	30 11	30 72			882 67	1348 39
			30 14	30 14	30 73			882 67	20)465 72
	Closing error 1:1358							Area -	23 29 acres

APPROVAL

Office of the United States Surveyor General,


Phoenix, Arizona, May 29 , 1916.

The foregoing field notes of Homestead Entry Survey No.

89

executed by Charles D. Hodson, 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.

[Forest Service Title.]


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.