

ORIGINAL

289

DEC 16 1918

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

MAR 20 1919

MAR 20 1918

FIELD NOTES

MAY 24 1918

OF

HOMESTEAD ENTRY SURVEY NO. 360

SITUATED IN THE CHIRICAHUA NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 9 , - surveyed, Township 20S, Range 31 E.  
In Section 10 , - surveyed, Township 20S, Range 31 E.  
In Section 4 , - surveyed, Township 20S., Range 31 E.

of the

Gila and Salt River Base and Meridian.

State of  
ARIZONA

Applicant for listing Walter Edwards,  
Residence Apache, Arizona.  
Application No. 135 , dated May 7 , 19 14  
List No. 3-5473 , dated January 23 , 19 15

Applicant for survey Walter Edwards,  
Residence Apache, Arizona.  
H. E. No. 027799 , dated July 6 , 1915  
Land District Phoenix, Arizona

Survey executed by C. A. Long, Surveyor - Forest Service  
and Lee C. Daves, Surveyor - Forest Service [Forest Service Title.]  
Under special instructions dated May 15 , 19 15  
Survey commenced May 26 , 19 15  
Survey completed August 13, , 19 17  
Under Acts of June 11, 1906, June 30, 1914 and March 4, 1917.



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OATH OF ASSISTANTS

We hereby certify that we assisted **C. A. Long,**  
**Surveyor - Forest Service** in surveying all those  
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **360**, 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 inconvenient to  
appear before an officer to  
administer oaths to Assistants;  
hence, they were taken by the  
Surveyor.

*Assistant*  
Rear Chairman  
*Chester A. Lee*  
Head Chairman

Subscribed and sworn to before me this **30th** day of  
**May**, 19 **15**.

*C. A. Long*  
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 instruc-  
tions of the United States Surveyor General for **Arizona**, dated  
**May 15,**, 19**15**, 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 **Patent**, No. **3-5473**, dated **January 23, 19 15**, for  
the same to be known as Homestead Entry Survey No. **360**,  
situated within the **CHIRICAHUA** National Forest, in  
- surveyed Section **9**, Township **20 S**, Range **31 E.**, and  
- surveyed Section **10**, Township **20 S**, Range **31 E.**  
- surveyed Section **4**, Township **20 S.**, Range **31 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.

*C. A. Long*  
Surveyor - Forest Service  
[Forest Service Title.]

Subscribed and sworn to before me this **31st** day of  
**March**, 19**16**.

*Elmer C. Myers*  
Notary Public





U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township , Range

of the

Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land District

Survey executed by

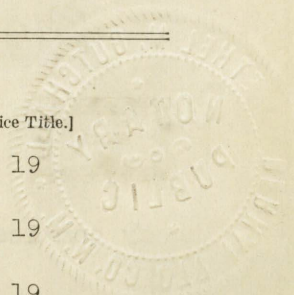
[Forest Service Title.]

Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of





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OATH OF ASSISTANTS

We hereby certify that we assisted

in surveying all those

[Forest Service Title.]

parts or portions of Homestead Entry Survey No. , in the State of 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

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Subscribed and sworn to before me this day of

, 19 .

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OATH OF SURVEYOR

I, Lee C. Daves,

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 May 15, 19 15, 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 PATENT, No. 3-3473, dated January 23, 1915, for the same to be known as Homestead Entry Survey No. 360, situated within the CHIRICAHUA National Forest, in - surveyed Section 9, Township 20 S., Range 31 E., and - surveyed Section 10, Township 20 S., Range 31 E., - surveyed Section 4, Township 20 S., Range 31 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.

*Lucas*

Surveyor - Forest Service

[Forest Service Title.]

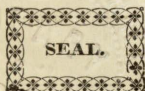
Subscribed and sworn to before me this day of

March

, 1918.

*Echel M. Gutschall*

Notary Public



8-2349

My commission expires March 17, 1921.



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Walter Edwards, Application No. 135, dated May 7, 1914; List No. 3-3473, dated January 23, 1915. H. E. 027799 made in the Phoenix Land Office on July 6, 1915, by Walter Edwards.

Owing to extensive obliterations of the Public land lines as determined by the retracements hereinafter described it was impracticable to subdivide Secs. 9 and 10. I therefore make this a metes and bounds survey, extending the exterior lines in cardinal courses rather than conforming to the record of the Public land survey, which is proven in error by my retracement of the N/2 of the line bet. secs. 9 and 10, T. 20 S., R. 31 E.

This survey is therefore in the nature of a cooperative survey and will be used as a basis for substitute list and amendment of entry.

Copy of signed statement from the entryman agreeing to the changes made, and further agreeing to amend his entry to conform to this survey, is attached at the end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 15, 1915, and designated as Homestead Entry Survey No. 360.

Situated in Secs. 4, 9 and 10, T. 20 S., R. 31 E., Gila and Salt River Base and Meridian within the Chiricahua National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, June 30, 1914, and March 4, 1917.

Survey commenced May 26, 1915, and executed with a Buff and Buff transit No. 9699, equipped with Smith solar attachment.

I test the adjustments of the transit and make necessary corrections.

The stadia is adjusted to read 1:132.



Chiricahua NATIONAL FOREST

STATE OF ARIZONA

Chains All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape and the slope angles were determined with a clinometer.

May 26, 1915.

At the cor. to secs. 3, 4, 9, and 10, T. 20 S., R. 31 E.

G. and S. R. B. and M., hereinafter described, Longi-

tude  $109^{\circ} 10' 20''$  W., Latitude  $31^{\circ} 43' 40''$  N., as de-

rived from the Surveyor General's instructions, at

6h. 02m. 54s. p.m., l.m.t., I observe Polaris with

telescope direct and mark a point in the line of sight

on a stake driven in the ground 5.00 chs. N. of my

station.

Greenwich m.t. U.C. Polaris, May 27, 1915, 9h.13.0m. a.m.

Sidereal Correction 01.2m.

9h.11.8m.

Astron. l.m.t. U.C. Pol., May 26, 1915, 21h.11.8m.

Astron. l.m.t. of obsn., May 26, 1915, 6h.02.9m.

15h.08.9m.

23h.56.1m.

Time argument, 8h.47.2m.

Bearing of star at time of obsn. is N.  $0^{\circ} 59' 36''$  W.

At 6h.10m. 24s. p.m., l.m.t., at the above station,

I again observe Polaris with telescope reversed and

mark a point in the line of sight on a stake driven

in the ground 5.00 chs. N. of my station.

Greenwich m.t. U.C. Pol., May 27, 1915, 9h.13.0m. a.m.

Sidereal Correction, 01.2m.

9h.11.8m.

Astron. l.m.t. U.C. Pol., May 26, 1915, 21h.11.8m.

Astron. l.m.t. of obsn., May 26, 1915, 6h.10.4m.

15h.01.4m.

23h.56.1m.

Time argument, 8h.54.7m.

Bearing of star at time of obsn., is N.  $0^{\circ} 57' 48''$  W.



HOMESTEAD ENTRY SURVEY NO. MC360

CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains May 27, 1915.

I turn off 59' 36" to the East of point set in line of sight of first observation of last night and mark a point on a stake set 5.00 chs. N. of my station.

I also turn off 57' 48" to the East of point set in line of sight of second observation of last night and mark a point on the stake previously set. These two points define positions for meridians which differ by 0.2 of an inch or 10 seconds of arc. I mark the mean of the two observations by driving a tack in the stake previously set, to be used in testing my solar.

At 8h. 30m. a.m., l.m.t., I set off 21° 11' 50" N. on decl. arc and 31° 43' 40" on the lat. arc, and determine a meridian with the solar at the cor. to secs. 3, 4, 9 and 10, T. 20 S., R. 31 E., G. and S. R. B. and my line of sight falls 0.2 of an inch to the West of the meridian established by Polaris observation.

At 4h. 00m. p.m., l.m.t., I set off 21° 15' 13" N. on decl. arc and 31° 43' 40" on the lat. arc, and determine a meridian with the solar at the above corner, and my line of sight falls on the meridian established by Polaris observation. The solar attachment, by a.m. and p.m. observations, defines a mean position for meridian 0.1 of an inch West of the meridian established

by Polaris observation. Therefore, I conclude that the adjustments of my instrument are in satisfactory condition.

RETRACEMENT.

Beginning at the cor. to secs. 3, 4, 9 and 10, T. 20 S., R. 31 E., Gila and Salt River Base and Meridian, which is a lava stone 15 x 14 x 9 ins., loosely set in a small



4.

CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains mound of stone and marked with 5 notches on S. edge and 3 notches on E. edge. I rebuild mound of stone around a cor. in fact to northward of first observation point.

At the above cor. at 9h. 00m. a.m., l.m.t., I set off on the decl. arc, and 31° 43' 40" on the lat. arc; and determine a meridian with the solar gnomon. Thence East.

On a random line bet. secs. 3 and 10. Over mountainous land.

40.20 Make diligent search for 1/4 sec. cor. Set temp. point.

80.40 Make diligent search for a radius of 15.00 chs. for the cor. of secs. 3, 9, 10 and 11. Find no trace of it. Set temp. point.

119.82 Fall 95 lks. N. of 1/4 sec. cor. bet. secs. 2 and 11, which is a porphyry stone 4 x 10 x 12 ins., lying loose on the ground. As this stone is on a steep slope it appears to have rolled a considerable distance from its original position. Therefore, I do not restore it.

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At the cor. to secs. 3, 4, 9 and 10, heretofore described, at 11h. 56m. 52s. a.m., l.m.t., I set off 21° 13' 05" N. on decl. arc, and obtain a reading of 31° 43'-1/2" on lat. arc.

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From the cor. of secs. 3, 4, 9 and 10, heretofore described,  
Thence South  
On a random line bet. secs. 9 and 10.

40.35 Fall 27 lks. E. of the remains of old 1/4 sec. cor., an unmarked lava stone 6 x 8 x 12 ins. loosely set in a small mound of stone. To restore it in the same place I set a malpais stone 5 x 7 x 20 ins., 15 ins. in the ground, marked 1/4 on W. face; and raise a mound



Chains of stone 3 ft. base, 2-1/2 ft. high West of cor.

Return course N. 0° 23' E., 40.35 chs.

May 27, 1915.

May 28, 1915.

From the cor. of secs. 3, 4, 9 and 10, heretofore described.

Thence West.

On a random line bet. secs. 4 and 9.

40.00 Make careful search for 1/4 sec. cor. Set temp. point.

80.00 Make careful search for cor. to secs. 4, 5, 8 and 9, Set temp. point.

At this point at 9h. 15m. a.m., l.m.t., I set off

21° 22' 03" N. on decl. arc, and 31° 43-1/2' on lat. arc, and determine a meridian with the solar.

Thence North.

On a random line bet. secs. 4 and 5.

40.00 Make careful search for 1/4 sec. cor. for a radius of 5.00 chs. Set temp. point.

80.00 Make careful search for cor. to secs. 4, 5, 32 and 33, for a distance of 5.00 chs. in all directions, without finding any trace of cor. Set temp. point.

I return to the temp. point set for cor. to secs. 4, 5, 8 and 9.

Thence South.

On a random line bet. secs. 8 and 9.

40.00 Make careful search for 1/4 sec. cor. Set temp. point.

80.00 Make careful search for a distance of 5 chs. in all directions for cor. to secs. 8, 9, 16 and 17, without finding any trace of old cor. Set temp. point.

At the above point, at 11h. 56m. 59s. l.m.t., I set off 21° 23' 05" N. on decl. arc and obtain a read-



Chains

... bearing of  $31^{\circ} 42' 48''$  on lat. arc.

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I return to the temp. point set for cor. to secs. 4, 5, 8 and 9.

---

Thence West.

On a random line bet. secs. 5 and 8.

40.00 Make careful search for 1/4 sec. cor. Set temp. point.

80.00 Make careful search for cor. to secs. 5, 6, 7 and 8, without finding any trace of old cor. Set temp. point.

At the above point at 3h. 00m. p.m., 1.m.t., I set off  $21^{\circ} 24' 32''$  N. on decl. arc. and  $31^{\circ} 43-1/2'$  on lat. arc and determine a meridian with the solar.

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Thence North.

On a random line bet. secs. 5 and 6.

40.00 Make careful search for 1/4 sec. cor. Set temp. point.

80.00 Make careful search for the cor. to secs. 5, 6, 31 and 32, without finding any trace of the old cor. Set temp. point.

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I return to the temp. point set for cor. to secs. 5, 6, 7 and 8.

Thence South.

On a random line bet. secs. 7 and 8.

40.00 Make search for 1/4 sec. cor. Set temp. point.

80.00 Make search for cor. to secs. 7, 8, 17 and 18, but find no trace of the old cor. Set temp. point.

May 28, 1915.

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May 29, 1915.

Beginning at the 1/4 sec. cor. bet. secs. 10 and 11, which is a porphyry stone 34 x 26 x 12 ins., marked 1/4 and lying loose on the ground, I raise a mound of stone 4 ft. base, 2 ft. high around cor.



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains At this cor. at 7h.00m.a.m. l.m.t., I set off 21° 31' 40" N. on decl. arc and 31° 43' 15" on lat. arc, and determine a meridian with the solar. Thence North.

On a random line bet. secs. 10 and 11.

40.00 Make careful search for the cor. to secs. 2, 3, 10 and 11 for a distance of 5.00 chs. in all directions, without finding any trace of old cor. Set temp. point.

80.00 Make careful search for 1/4 sec. cor bet. secs. 2 and 3. Find no trace of it. Set temp. point.

120.00 Make careful search for the cor. to secs. 2, 3, 34 and 35, without finding any trace of the old cor. Set temp. point.

C. A. Long. May 29, 1915.

BOUNDARIES OF CLAIM

August 13, 1917.

Tract A.

I, Lee C. Daves, Surveyor Forest Service, in accordance with instructions from the District Forester, return to this survey and make the corner of Secs. 3, 4, 9 and 10, and also the 1/4 cor. bet. secs. 9 and 10, corners of this survey.

All other corners and their witnesses of the survey were also renumbered where necessary.

Beginning at cor. No. 1.

Identical with the corner to Secs. 3, 4, 9 and 10 heretofore described. I mark same stone + on top for cor. No. 1 of this survey, and along side to South set a granite-porphry stone 24 x 10 x 4 ins., 14 ins. in the ground, chiseled 1 H E S 360 on South face; raise a mound of stone 4 ft. base, 2 ft. high W. of cor.

No bearings available. Pits impracticable.



Chains The magnetic declination at 10:00 a.m. is 13° 45' E.,  
 which corrected for diurnal change is 13° 44' E.  
 Latitude 31° 43' 40" N. Longitude 109° 10' 20" W.  
 from Surveyor General's Special Instructions, and later  
 verified.

Lee C. Daves August 13, 1917.

May 29, 1915.

C. A. Long - Surveyor Forest Service.

Thence East.

Descend gradual E. slope

5 ft. to Wash.

1.25 Bottom of descent. Wash 10 lks. wide, course SE.

Ascend 16 ft. to cor. over gradual slope.

12.00 Arroyo, 75 lks. wide, 10 ft. deep, course SE.

20.03 To cor. No. 2.

Deposit a porphyry stone 3 x 3 x 3 ins. marked with a  
 cross, 14 ins. in the ground, over which set a gran-  
 ite stone 10 x 10 x 24 ins. chiseled + at the point  
 and 2 H.E.S 360 on SW. face; dig pits 24 x 24 x 12  
 ins. crosswise on this and the succeeding course 7 ft.  
 dist. and raise a mound of earth and stone 3 ft. base,  
 2-1/2 ft. high 3-1/2 ft. dist. within the claim.

Thence South.

Descend 92 ft. to cor. over open land covered with  
 loose malpais stone.

22.35 Wash, 20 lks. wide, course S. 75° 00' E.

39.50 Dim road, bears N. 37° 00' W. and S. 37° 00' E.

40.35 To cor. No. 3.

Deposit a malpais stone 2 x 2 x 4 ins., marked with a  
 cross 16 ins. in the ground, over which set a malpais  
 stone 6 x 12 x 26 ins., chiseled + at the point



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CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains

and 3 H E S 360 on side facing the claim; dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth and stone 3 ft. base 2-1/2 ft. high, 3-1/2 ft. dist. within the claim.

May 29, 1915

May 30, 1915.

At 7h. 20m. a.m. l.m.t., I set off 21° 40' 55" N. on the decl. arc; and 31° 43' 15" on the lat. arc, and determine a meridian with the solar at cor. No. 3 of this survey.

Thence North 37° 34' W.

Over open rolling land, through scattering mesquit and loose malpais stone, along N. side road exception.

32.98

To Cor. No. 4 and closing corner on line bet. Secs. 9 and 10.

Deposit a granite stone 1 x 1 x 2 ins., marked with a cross 14 ins. in the ground, over which set a porphyry stone 8 x 12 x 24 ins. chiseled + at the point, CC on SE. face and 4 H E S 360 on NE. face; dig pits 24 x 24 x 12 ins. N. 0° 23' E. and S. 0° 23' W. 3 ft. dist. and S. 37° 34' E. 7 ft. dist; raise a mound of earth and stone 3 ft. base, 2-1/2 ft. high, 3-1/2 ft. dist. on closing line.

The cor. to secs. 3, 4, 9 and 10 heretofore described, bears N. 0° 23' E. 14.25 chs. dist.

The 1/4 cor. bet. secs. 9 and 10 heretofore described bears S. 0° 23' W., 26.10 chs. dist.

Thence North 37° 34' W.

Over open rolling land through scattering mesquit. Ground covered with loose rock.

17.94

To cor. No. 5.

Deposit a malpais stone 1-1/2 x 4 x 4 ins., 13 ins.



Chains in the ground, over which set a malpais stone 5 x 12 x 23 ins. (no longer stone available) chiseled + at the point and 5 H E S 360 on side facing the claim; dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth and stone 3-ft. base, 2-1/2 ft. high, 3-1/2 ft. dist. within the claim.  
(Note: The markings on this cor. were changed from 1 - H E S 360 to 5 - H E S 360 by Surveyor Lee C. Daves on August 13, 1917.)

Thence East.

Over open rolling land covered with loose lava rock.  
Ascend 43 ft. over gradual slope.

- 0.65 Dim road, bears NW. and SE.
- 6.50 Top of low ridge, bears NW. and SE. Descend 29 ft. to cor.
- 11.00 To cor. No. 1, the place of beginning:

Tract B.

Beginning at cor. No. 6.

Deposit a porphyry stone 2 x 4 x 6 ins., marked with a cross 10 ins. in the ground; over which set a porphyry stone 8 x 14 x 18 ins. (no longer stone available.) chiseled + at the point and 6 H E S 360 on SW. face; dig pits 24 x 24 x 12 ins. crosswise on claim lines West and S. 37° 34' E., 7 ft. dist. and raise a mound of earth and stone 3 ft. base, 2-1/2 ft. high, 3-1/2 ft. dist., within the claim.

Cor. No. 5 heretofore described bears East 63 lks. dist.

(Note: The markings on this corner were changed from 5 H E S 360 to 6 H E S 360 by Surveyor Lee C. Daves on August 13, 1917.)



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA.

Chains At 9h. 00m. a.m., l.p.t., I set off  $21^{\circ} 41' 07''$  N. on the decl. arc. and  $31^{\circ} 43' 40''$  on the lat. arc, and determine a meridian with the solar at cor. No. 6 of this survey.

Thence South  $37^{\circ} 34'$  E.  
Over open rolling land, through scattering mesquite. Ground covered with loose rock. Along south side of road exception.

18.97 To cor. No. 7 and closing corner on line bet. secs. 9 and 10.

Deposit a granite stone  $1\frac{1}{2} \times 3 \times 6$  ins., marked with a + 18 ins. in the ground, over which set a granite stone  $5 \times 14 \times 28$  ins. chiseled + at the point, C C on NW. face and 7 H E S 360 on side facing the claim; dig pits  $24 \times 24 \times 12$  ins. N.  $0^{\circ} 23'$  E. and S.  $0^{\circ} 23'$  W., 3 ft. dist. and N.  $37^{\circ} 34'$  W., 7 ft. dist., and raise a mound of earth and stone 3 ft. base,  $2\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. dist. on closing line.

Cor. No. 4 heretofore described bears N.  $0^{\circ} 23'$  E., 81 lks. dist.

Cor. to secs. 3, 4, 9 and 10 heretofore described bears N.  $0^{\circ} 23'$  E. 15.06 chs. dist.

The  $\frac{1}{4}$  cor. bet. secs. 9 and 10 heretofore described, bears S.  $0^{\circ} 23'$  W., 25.29 chs. dist.

(Note: The markings on this corner were changed from 6 H E S 360 to 7 H E S 360 by Surveyor Lee C. Daves on August 13, 1917.)

Thence S.  $37^{\circ} 34'$  E.  
Over open rolling land, along S. side of road exception, over loose rock and through scattering mesquite.

31.95 To Cor. No. 8.

Deposit a malpais stone  $2 \times 3 \times 3$  ins., marked with a



Chains cross 18 ins. in the ground, chiseled + at the point and 8 H E S 360 on side facing the claim; dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 3 ft. dist. and raise a mound of earth and stone 3 ft. base 2 1/2 ft. high, 3 1/2 ft. dist. within the claim.

Cor. No. 3 heretofore described bears East 63 lks. dist.

At 11h. 57m. 13s. a.m., l.m.t., I set off 21° 42' 07" N. on the decl. arc, and obtain a reading of 31° 43' 15" on the lat. arc.

(Note: The markings on this corner were changed from 7 H E S 360 to 8 H E S 360 by Surveyor Lee C. Daves, on August 13, 1917.)

At 2h. 30m. p.m., l.m.t., I set off 21° 43' 12" N. on the decl. arc and 31° 43' 15" on the lat. arc and determine a meridian with the solar at cor. No. 8 of this survey.

Thence West.

Ascend 23 ft. over rocky, rolling land, through scattering mesquit.

3.90 Top of low spur, bears NW. and SE.

Descend vertical bank 14 ft. high.

Leave mesquit and enter scattering ash and oak. 1

4.45 Forest Service telephone line, bears NW. and SE.

4.75 Wash in Jack Woods Canyon, 60 lks. wide, course SE.

Leave scattering oak and ash. Ascend 110 ft. over gradually rolling land.

12.50 Dim road, bears NW. and SE.

19.63 To Cor. No. 9.

Identical with the 1/4 sec. cor. bet. secs. 9 and 10 heretofore described. Mark same stone + on top for

Cor. No. 9 of this survey, and alongside to north



HOMESTEAD ENTRY SURVEY NO. 360

CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains	<p>set a basalt stone 25 x 9 x 8 ins., 15 ins. in the ground, marked 9 H E S 360 on N. face; raise mound of stone 4 ft. base, 2 ft. high W. of cor.</p> <p>No witnesses available.</p> <p>(Note: The above corner was established by Surveyor Lee C. Daves on August 13, 1917).</p>
14.37	<p>Thence West, Over rolling land.</p> <p>Begin steep ascent of rocky bluff 90 ft. high.</p> <p>19.37 Top of steep ascent. Thence over level, rocky land.</p> <p>19.80 To Cor. No. 10.</p> <p>Point falls on a granite boulder in place showing 30 x 30 x 44 ins. above ground. (I cut a cross at the exact point for cor. and chisel 10 H E S 360 on side facing the claim; raise a mound of stone 4 ft. base, 3 ft. high, 3-1/2 ft. dist. within the claim, whence: A nail in an oak 8 ins. dia. bears S. 82° 03' W. 32 lks. dist.</p>
10.00	<p>A nail in an oak 14 ins. dia. bears N. 12° 21' W. 100 lks. dist.</p> <p>Each blazed and scribed 10 H E S 360. B. T.</p> <p>(Note: The number on the above corner and witnesses was changed from 8 H E S 360 to 10 H E S 360 by Surveyor Lee C. Daves on August 13, 1917).</p>
0.75	<p>Thence North,</p> <p>Over large loose rock and open land.</p> <p>0.75 Top of steep rocky bluff. Descend 200 ft. to canyon.</p> <p>4.00 Foot of steep descent. Continue to descend over gradual slope.</p> <p>14.25 Wash, 10 lks. wide, course NE.</p> <p>32.50 Wash, in Jack Woods Canyon, 50 lks. wide, course SE.</p>



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains Bottom of descent. Ascent 75 ft. to cor.  
 32.75 Forest Service telephone line, bears S. 70° 00' E. and  
 N. 70° 00' W.  
 40.35 To Cor. No. 11.  
 Deposit a malpais stone 2 x 4 x 6 ins. marked with a  
 cross 16 ins. in the ground, over which set a malpais  
 stone 6 x 12 x 26 ins. chiseled + at the point and 11  
 H E S 360 on SE. face; dig pits 24 x 24 x 12 ins. cross-  
 wise on this and the succeeding course 3 ft. dist., and  
 raise a mound of earth and stone 3 ft. base, 2-1/2 ft.  
 high, 3-1/2 ft. dist. within the claim.  
 (Note: The number on the above corner was changed from  
 9 H E S 360 to 11 H E S 360 by Surveyor Lee C. Daves  
 on August 13, 1917).

Thence East.  
 Over rocky rolling land.  
 8.36 To Cor. No. 6, the place of beginning.  
 May 30, 1915.

AREA	
Area in Tract A, Sec. 4	.01 Acres
Area in Tract A, Sec. 9	7.83 "
Area in Tract A, Sec. 10	54.88 "
Area in Tract B, Sec. 4	.02 "
Area in Tract B, Sec. 9	71.50 "
Area in Tract B, Sec. 10	24.85 "
Total Area	159.09 "
Tract C, Secs. 4 & 9, Road Exemption, unlisted,	.92 "
Tract C, Sec. 10,	1.61 "

IMPROVEMENTS  
 The improvements made upon this claim and belonging to  
 the claimant herein, consist of the following:  
 A tent house, 14 x 26 ft., course of long sides NE and  
 SW., the NE. cor. of which bears N. 0° 20' W., 7.80 chs.  
 38.50 dist. from cor. No. 9,  
 Value - - - - - \$ 50.00



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains A dug well, 25 ft. deep, the center of which bears  
N. 10° 11' E., 8.30 chs. from cor. No. 9.  
Value - - - - - \$125.00

About 1/8 of a mile of barbed wire fencing.  
Value - - - - - \$ 20.00

Total value of improvements - - - - - \$195.00

GENERAL DESCRIPTION

This claim is located on rolling bench land covered with loose malpais stone.

There is no timber, undergrowth or evidence of mineral deposits on the claim.

The soil is a brown adobe, very fertile, and capable of producing good crops of grain and vegetables when properly irrigated. About one acre is fenced and planted to garden stuff.

A dugwell, 25 ft. deep, near the house, supplies sufficient water for domestic use and watering about 50 head of stock.

Apache, Arizona, the nearest post office and trading place, on the El Paso and Southwestern Railway, is 2-1/2 miles East, and is reached by a fair wagon road.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims. The Jack Woods administrative site, which joined this survey on the east, has been released.



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CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA.

Chains

TRAVERSES.

Tract A. in Sec. 4.

Course	Dist.	N.	S.	E.	W.
East	11.00			11.00	
S. 89° 54' W.	10.99		.02		10.99
N. 37° 34' W.	.02	.02			.01
	22.01	.02	.02	11.00	11.00

Closing error - 0

Tract A. in Sec. 9.

Course	Dist.	N.	S.	E.	W.
S. 0° 23' W.	14.25		14.25		.10
N. 37° 34' W.	17.92	14.20			10.93
N. 89° 54' E.	10.99	.02		10.99	
	43.16	14.22	14.25	10.99	11.03
			14.22		10.99

Error in Lat. and Dep. .03

Closing error, 1:863

Tract A. in Sec. 10.

Course	Dist.	N.	S.	E.	W.
East	20.03			20.03	
South	40.35		40.35		
N. 37° 34' W.	32.98	26.14			20.11
N. 0° 23' E.	14.25	14.25		0.10	
	107.61	40.39	40.35	20.13	20.11

Error in Lat. and Dep. .04

Closing error 1:2406

Tract B. in Sec. 4.

Course	Dist.	N.	S.	E.	W.
S. 37° 34' E.	.02		.02	.01	
S. 89° 54' W.	8.37		.01		8.37
North	.03	.03			
East	8.36			8.36	
	16.78	.03	.03	8.37	8.37

Closing error 0



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains

Tract B. in Sec. 9.

Course	Dist.	N.	S.	E.	W.
S. 37° 34' E.	18.95		15.02	11.55	
S. 0° 23' W.	25.29		25.29		.17
West	19.80				19.80
North	40.32	40.32			
N. 89° 54' E.	8.37	.01		8.37	
	<u>112.73</u>	<u>40.33</u>	<u>40.31</u>	<u>19.92</u>	<u>19.97</u>
		<u>40.31</u>			<u>19.92</u>
Error in Lat. and Dep.		.02			.05

Closing error 1:2093.

Tract B. in Sec. 10.

Course	Dist.	N.	S.	E.	W.
S. 37° 34' E.	31.95		25.32	19.48	
West	19.63				19.63
N. 0° 23' E.	25.29	25.29		0.17	
	<u>76.87</u>	<u>25.29</u>	<u>25.32</u>	<u>19.65</u>	<u>19.63</u>
			<u>25.29</u>	<u>19.63</u>	
Error in Lat. and Dep.			.03	.02	

Closing error 1:2132

Survey completed August 13, 1917.

*A. Long*

Surveyor - Forest Service

*L. Adams*

Surveyor - Forest Service



NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

Tract B. in Sec. 9.

Dist.	Course	Dist.	Course
18.95	S. 27° 34' E. 18.95	15.03	E. 11.53
25.25	S. 0° 23' W. 25.25	40.38	West 40.38
19.80	West 19.80	40.31	North 40.31
40.38	North 40.38	8.27	N. 89° 34' E. 8.27
112.73	N. 89° 34' E. 8.27	40.31	West 40.31
40.31	West 40.31	19.80	West 19.80
40.31	West 40.31	19.80	West 19.80
8.27	West 8.27		
Closing error 1:3032.		Error in lat. and Dep.	

Tract B. in Sec. 10.

Dist.	Course	Dist.	Course
31.95	S. 27° 34' E. 31.95	19.48	E. 19.48
19.80	West 19.80	40.31	West 40.31
40.31	West 40.31	0.17	West 0.17
78.87	N. 0° 23' E. 32.25	19.80	West 19.80
32.25	West 32.25	19.80	West 19.80
19.80	West 19.80	0.17	West 0.17
0.17	West 0.17		
Closing error 1:8132		Error in lat. and Dep.	

Survey completed August 13, 1917.

Surveyor - Forest Service



Surveyor - Forest Service



310A

Feb. 26, 1919.

I, Walter Edwards, hereby agree to the survey of my homestead, number 360, as made on the 30th day of May, 1915, by Forest Service Surveyor C. A. Long, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry, I will apply for amendment of the same to conform with said survey.

(SGD)

J. B. Garland  
\_\_\_\_\_  
Witness

(SGD)

Walter Edwards  
\_\_\_\_\_  
Claimant



**DIRECTIONS.**—1. Carry out calculations to two decimals only.  
 2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink. 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. I. O.  
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

**TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 360, STATE OF ARIZONA, CHIRICAHUA**

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	East	11.00		Tract A in Sec. 4.					
	East	11.00			11 00	11 00 ✓			
	S. 89° 54' W.	10.99	02		10 99	11 01 ✓		0 22	
	N. 37° 34' W.	.02	02		01	01 ✓			
		22.01	02		11 00			0 22	
		Closing error 0						2/ 0 11	0.01 Acres. o.c.t.
	S. 37° 34' E.	0.02		Tract B in Sec. 4.					
	S. 89° 54' W.	8.37	02		01	16 73 ✓		0 33	
	North	.03	01		8 37	8 37 ✓		0 08	
	East	8.36			8 36	0 00 ✓			
		16.78	03		8 37	8 36 ✓			
		Closing error 0.						20/ 0 41	0.02 Acres o.c.t.



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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 360, STATE OF ARIZONA, CHIRICAHUA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
					Tract A in Sec. 9.				
	S. 0° 23' W	14.25	22 14 20	24 14 25		9 10 93	21 91	312 00	
	N. 37° 34' W	17.92	02 14 20		00 10 99	10 93	10 91	155 14	
	N. 89° 54' E	10.99	02			11 00	11 00	22	
		43.16	14 22	14 25	10 99	11 03		312 00	
	Closing error	1:863	14 24	14 24	11 00	11 00		155 36	
			1:863					2/ 156.64	
								78 32	7.83 Acres.
	S. 37° 34' E.	18.95			Tract B in Sec. 9.				
	S. 0° 23' W.	25.29		15 02	11 55	15	28 32	425 37	
	West	19.80		25.29		17	39 73	1004 77	
	North	40.32	30 40 32			19 80	19 79		
	N. 89° 54' E.	8.37	01		38 8 37		8 38	08	
		112.73	40 33	40 31	19 92	19 97		1430 14	
	Closing error	1:2093	40 31	40 31	19 94	19 94		08	
			40 31	40 31				20/1430 06	71.50 Acres.
Road in Sec. 10									
8-3	East	.63			63		39 59		
3-4	N 37° 34' W	32.98	3 26 14			20 11	20 11	525 47	
4-7	S 0° 23' W	.81		81		00		493 23	
7-8	S 37° 34' E	31.95		25 32	19 48		19 48	493 23	
		65.37	3 26 14	26 13	20 11	20 11		20/3224	313
	Closing error	1:6537	26 14	26 13				161	Acres.



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8-2349 **TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 360, STATE OF ARIZONA, CHIRICAHUA**

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			North.	South.	East.	West.			
Sec. Cor. 2	East	20.03			Tract A. in Sec. 10.		20 22 ✓		
2 - 3	South	40.35		40 35	20 03		40 24 ✓	1624 49 ✓	
3 - 4	N. 37° 34' W.	32.98	26 14		20 11		20 12 ✓	525 53 ✓	
4-Sec. Cor. N.	0° 23' E.	14.25	14 25		0 10		10 ✓	1 43 ✓	
		107.61	40 39	40 35	20 13			526 96	1624 49
		Closing error, 1:2406	40 37	40 37	20 12			526 96	20/1097 53
6 - 7	S. 37° 34' E.	31.95			Tract B. in Sec. 10.		19 81 ✓		54 88
- 1/4 cor.	West	19.63		25 32	19 48		19 64 ✓	501 39 ✓	Acres.
1/4 cor. - 6	N. 0° 23' E.	25.29	25 29		0 17		0 17 ✓		Acres.
		76.87	25 29	25 32	19 65		4 30 ✓	501 39	Acres.
		Closing error, 1:2132	25 31	25 31	19 64			4 30	Acres.
Road in Secs. 9 & 4								20/497 09	Acres.
7-4	N. 0° 23' E.	.81	81		00			24 85	Acres.
4-5	N. 37° 34' W.	17.94	14 32				10 94	155 57	Acres.
5-6	West	.63					22 51		Acres.
6-7	S. 37° 34' E.	18.97		15 04	11 57		11 57	173 90	Acres.
		38.35	15 03	15 04	11 57			155 57	Acres.
		Closing error 1:3835		15 04				20/1833	Acres.
				3				92	Acres.

315

Acres



APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 8, 1920.

The foregoing field notes of Homestead Entry Survey No.

360

executed by *C. A. Long and Lee C. Daves, Surveyors*  
under his special instructions, dated *May 15*, 1915, having  
been critically examined, and the necessary corrections and explanations  
made, the said field notes, and the surveys they describe, are hereby  
approved.

*Frank P. Trott*  
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.