

ORIGINAL

95

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FEB. 3 1919
AUG. 18. 1920
JUL 13. 1920
AUG 5 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 507

SITUATED IN THE APACHE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 5 , -surveyed, Township 5 N. , Range 31 E.
In Section 7 , -Surveyed, Township 5 N. , Range 31 E.
In Section 8 , -surveyed, Township 5 N. , Range 31 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicants for listing O. R. Dean, and Lewis K. Terry,

Residence Alpine, Arizona

Application No. 114 , dated April 2 , 1910

List No. 3-1323 , dated June 13 , 1911

Applicant for survey Lewis K. Terry,

Residence Alpine, Arizona

H. E. No. 025384 , dated July 3 , 1914

Office

Land District Phoenix, Arizona

Survey executed by Lee C. Daves, Surveyor - Forest Service
and L. R. Mercer, Surveyor, Forest Service, [Forest Service Title.]

Under special instructions dated February 9 , 1917

Survey commenced April 17 , 1917

Survey completed May 30 , 1920

Under Acts of

June 11, 1906 and August 11, 1916
and July 24, 1919.

OATH OF ASSISTANTS

We hereby certify that we assisted
Surveyor - Forest Service
[Forest Service Title.]

Lee C. Daves,
in surveying all those

parts or portions of Homestead Entry Survey No. **507**, 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.

J. J. Ambrose, Chairman
John H. Collett Jr., Chairman

Subscribed and sworn to before me this **15th** day of **July**, 19 **17**.

Lucas

Surveyor - Forest Service

7/15/17

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 **February 9**, 19 **17**, 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. 3-1323, dated June 13, 1911 and a tract of land to be listed upon the application of **Lewis K. Terry,**

Application **Patent**, No. **114**, dated **April 2**, 1910, for the same to be known as Homestead Entry Survey No. **507**, situated within the **Apache** National Forest, in
- surveyed Section **5**, Township **5 N.**, Range **31 E.**, and
- surveyed Section **7**, Township **5 N.**, Range **31 E.,** and
- surveyed Section **8**, Township **5 N.**, Range **31 E.**

of the **Gila and Salt River Base & meridian,** **Arizona**, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

Lee C. Daves

Surveyor - Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this **twenty-third** day of **December**, 19 **17**.

Ethel H. Myers

Notary Public



My Commission Expires **March 17, 1921**

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 Office

Survey executed by

[Forest Service Title.]

Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of

OATH OF ASSISTANTS

We hereby certify that we assisted

L. R. Mercer

Surveyor Forest Service
[Forest Service Title.]

in surveying all those

parts or portions of Homestead Entry Survey No. *507*, 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 inconvenient and expensive to appear before an officer to administer oath to Assistants; hence it was taken by the Surveyor.

Edward Tenney

Cecil C. Armstrong

Chairmen

Subscribed and sworn to before me this *sixteenth* day of

June

1920

L. R. Mercer

Surveyor - Forest Service

OATH OF SURVEYOR

I, **L. R. Mercer, 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 **Feb. 9**, 1917, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in List No. 3-1323 dated June 13, 1911 and a tract of land to be listed upon the application of Lewis K. Terry

Application, No. **114**, dated **April 2**, 1910, for Patent, under the Act of **June 11**, 1906, the same to be known as Homestead Entry Survey No. **507**, situated within the **Apache** National Forest, in surveyed Section **5**, Township **5 N.**, Range **31 E.**, and surveyed Section **7**, Township **5 N.**, Range **31 E.**, surveyed Section **8**, Township **5 N.**, Range **31 E.**

of the **Gila & Salt River Base &** meridian, **Arizona**, and the related retracements and resurveys and section subdivisions, which are represented in the following field notes as having been surveyed by me; and I further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

L. R. Mercer

Surveyor - Forest Service

[Forest Service Title.]

Subscribed and sworn to before me this **30th** day of

June

1920

Ethel S. Myers

Notary Public



8-2349

My comm. expires *March 17, 1921*

APACHE NATIONAL FOREST

STATE OF ARIZONA.

Chains Applicant for listing, O. R. Dean; Application No. 114, dated April 2, 1910; List No. 3-1323, dated June 13, 1911; H. E. 025384, made in the Phoenix Land Office on July 3, 1914 by Lewis K. Terry.

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

Surveyed under special instructions from the Surveyor General for Arizona, dated February 9, 1917, and designated as Homestead Entry Survey No. 507.

Situated in Secs. 5, 7, and 8, T. 5 N., R. 31 E., (Survey accepted), Gila and Salt River Base and Meridian, Apache National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and August 11, 1916 and July 24, 1919.

Survey commenced April 17, 1917, and executed with a Buff and Buff transit No. 8702, equipped with Smith solar attachment.

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

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

April 17, 1917.

At the 1/4 sec. cor. bet. Secs. 7 and 8, T. 5 N., R. 31 E., hereinafter described, Lat. $33^{\circ} 50' 28''$ N., Long. $109^{\circ} 06' 25''$ W., from Forest Service base map, I observe Polaris at E. Elong. at 5h. 53.7m. a.m., l.m.t., and mark the directions determined by two separate obsns. by stakes firmly set in the ground about 15.00 chs. northwardly of my station.

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Chains

Azimuth of Polaris at E. Elong. $181^{\circ} 22'$ or N. $1^{\circ} 22'$ E.

From the meridian thus determined all the courses of this survey were deflected by angulation.

RETRACEMENTS AND RESURVEYS

From the $1/4$ Sec. cor. bet. Secs. 7 and 8, which is a sandstone $14 \times 10 \times 4$ ins., marked $1/4$ on W. face, witnessed as described by the Surveyor General. I add + on top.

Thence North,

Retracing line bet. Secs. 7 and 8, N/2.

39.57 Fall 10 lks. W. of the cor. of Secs. 5, 6, 7 and 8, which is a sandstone $16 \times 14 \times 10$ ins., marked with 5 notches on E. edge and 5 on S. edge; (Recorded by Surveyor General as a lava stone); witnessed as described by the Surveyor General. I add + on top.

True line is N. $0^{\circ} 09'$ E., 39.57 chs.Thence East, (Record course N. $89^{\circ} 55'$ E.)

On random line bet. Secs. 5 and 8, W/2.

39.88 Fall 20 lks. S. of the $1/4$ sec. cor. bet. Secs. 5 and 8, which is a sandstone $24 \times 10 \times 8$ ins., (Recorded by Surveyor General as granite stone), marked $1/4$ on N. face; witnessed as described by the Surveyor General.

I add + on top and take the following new bearing trees:

A pine 10 ins. dia., bears S. $10^{\circ} 40'$ E.,136 lks. dist., marked $1/4$ S 5 + B T.A pine 10 ins. dia., bears N. $56^{\circ} 00'$ W.,22 lks. dist., marked $1/4$ S 8 + B T.True line is S. $89^{\circ} 43'$ W., 39.88 chs.

Lee C. Daves, Surveyor - Forest Service, April 17, 1917.

May 1, 1920.

In accordance with letter from U.S. Surveyor General for Arizona dated March 29, 1920, I, L. R. Mercer, Surveyor General, Forest Service, together with Cecil C. Armstrong

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Chains

and Edward Tenney, assistants, return to this claim to make necessary retracements of section lines as will close Section 8.

The work was executed with a Buff and Buff transit No. 10091, equipped with Smith solar attachment.

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

At the 1/4 cor. bet. Secs. 5 and 8, heretofore described,

In Lat. $33^{\circ} 50' 54''$ N., Long. $109^{\circ} 05' 54''$ W. from Forest Service base map. I observe Polaris as follows:

Telescope l.m.t. Angles read from star east to mark p.m.

Direct 7h. 05m. $91^{\circ} 14'$

Reversed 7h. 06m. $91^{\circ} 14'$

Direct 7h. 07m. $91^{\circ} 13'$

Reversed. 7h. 08m. $91^{\circ} 13'$

Means 7h. 06.5m. $91^{\circ} 13.5'$

Greenwich m.t. U.C. Polaris May 1, 1920, 10h. 55.0m.a.m.

Corr. for Long., 1.2m.

l.m.t. U.C. Polaris, 10h. 53.8m.a.m.

l.m.t. obsn. Polaris 7h. 06.5m.p.m.

Hour angle, 8h. 12.7m.p.m.

Azimuth of Polaris, $1^{\circ} 07.2'$ W.

Bearing of reference mark, S. $89^{\circ} 53.7'$ E.

Accept bearing of reference mark as S. $89^{\circ} 54'$ E. and to the corresponding meridian all courses of this retracement were referred.

Beginning at the 1/4 cor. bet. Secs. 5 and 8, previously described,

Thence S. $89^{\circ} 56'$ E. (Record course N. $89^{\circ} 55'$ E.)

On a random line bet. Secs. 5 and 8, E/2.

39.54

Fall 35 lks. N. of cor. of Secs. 4, 5, 8 and 9, a lava

Chains
 stone 30 x 10 x 6 ins. (recorded in field notes from
 Surveyor General as a granite stone 18 x 10 x 9 ins.)
 marked 5 notches on S. and 4 notches on E. edges, and
 lying loose in small mound of stone. I remark original
 stone 5 notches on S. and 4 notches on E. edges, and
 set it 18 ins. in ground; raise a mound of stone 2 ft.
 base, 1-1/2 ft. high W. of cor., whence:
 A blackjack pine 20 ins. dia., marked
 T 5 N R 31 E S 4 B T bears N. 39-1/4° E.
 22.5 lks. dist. (New B T)
 A blackjack pine 20 ins. dia. marked
 T 5 N R 31 E S 5 B T bears N. 30-1/4° W.
 158 lks. dist. (New B T)
 A blackjack pine 20 ins. dia. marked
 T 5 N R 31 E S 8 B T bears S. 67° W. 71
 lks. dist. (Field notes from Surveyor
 General record pine 14 ins. dia. S. 60° W.
 70 lks.)
 A blackjack pine 15 ins. dia. marked T 5 N
 R 31 E S 9 B T bears S. 33° E. 40 lks.
 dist. (Field notes from Surveyor General
 record pine 10 ins. dia. S. 45° E. 30 lks.)
 True line is S. 89° 26' E. 39.54 chs.
 May 1, 1920.

May 2, 1920.
 Thence South,
 Retracing lines bet. Secs. 8 and 9.

40.00 Make careful search for 1/4 cor. which is described by
 the Surveyor General as a sandstone with md. of stone.
 I fail to find any evidence of cor. stone or md. of
 stone.

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Chains

82.18 Fall 461 lks. E. of cor. of Secs. 8, 9, 16 and 17, which is a granite stone 20 x 12 x 10 ins. above ground, marked with 4 notches on S. and E. edges, with mound of stone 4 ft. base, 3 ft. high W. of cor., whence:

A yellow pine 16 ins. dia. marked T 5 N

R 31 E S 17 B T bears S. 50° W. 449 lks.

A yellow pine 20 ins. dia. marked T 5 N

R 31 E S 8 B T bears N. 60° 35' W. 295 lks.

Note: This cor. was restored by Forest Service Surveyor R. P. A. Johnson on Sept. 18, 1916, in connection with H.E.S. 499.

May 2, 1920.

May 3, 1920.

Thence N. 3° 13' E.

On a true line bet. Secs. 8 and 9.

41.155 Proportionate point for 1/4 cor. I again make careful search for cor. but find no evidence of same. I therefore reestablish cor. as follows:
Set a lava stone 26 x 14 x 12 ins. 18 ins. in ground, marked 1/4 on W. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., whence:

A blackjack pine 10 ins. dia. mkd.

1/4 S 8 B T bears S. 75° W. 36 lks. dist.

A blackjack pine 14 ins. dia. mkd. 1/4 S

9 B T bears S. 44° E. 110 lks. dist.

82.31 The cor. of Secs. 4, 5, 8 and 9, heretofore described.

From the 1/4 cor. bet. Secs. 7 and 8 heretofore described,

Thence South,

Retracing line bet. Secs. 7 and 8. S/2..

Chains

39.91 Fall 16.5 lks. W. of cor. of Secs. 7, 8, 17 and 18, which is a sandstone 22 x 10 x 8 ins. above ground, marked 4 notches on S. and 5 notches on E. edges; with a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A yellow pine 12 ins. dia., mkd.

T 5 N R 31 E S 17 B T bears S.

5° 09' E. 225 lks. dist.

A yellow pine 8 ins. dia. mkd.

T 5 N R 31 E S 7 B T bears N.

2° 45' W. 141 lks. dist.

A yellow pine 24 ins. dia. mkd.

T 5 N R 31 E S 8 B T bears N.

20° 47' E. 173 lks. dist.

A yellow pine 24 ins. dia. mkd.

T 5 N R 31 E S 18 B T bears

S. 60° 59' W. 86 lks. dist.

Note: This cor. was restored by Forest Service Surveyor R. P. A. Johnson, on September 19, 1916, in connection with H.E.S. 499.

True line is N. 0° 14' W. 39.91 chs.

May 3, 1920.

L. R. Mercer, Surveyor - Forest Service.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1, and Closing corner on line bet. Secs. 7 and 8.

Deposit a sandstone 6 x 5 x 2 ins. marked with a + 24

ins. in the ground, over which set an iron post 36

ins. long, 2 ins. in dia., with brass cap marked 1917

on S. rim; C C on SE., 1 H E S 507 in North half,

S 8 in SE. and S 7 in SW. quadrants; and raise md. of stone

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Chains 4 ft. base, 2 ft. high on closing line SE. of cor.,
whence:

A pine 7 ins. dia., bears S. 5° 05' W., 289 lks.
dist.

A pine 14 ins. dia. bears S. 63° 55' W., 260 lks.
dist.

Each marked C C 1 H E S 507 + B T.

Cor. to secs. 5, 6, 7 and 8, previously described,
bears N. 0° 09' E., 32.72 chs. dist.

The 1/4 sec. cor. bet. secs. 7 and 8, previously
described, bears S. 0° 09' W., 6.85 chs. dist.

Lat. 33° 50' 33" N., Long 109° 06' 25" W., from Forest
Service Base Map.

Mag. decl. at 7:00 a.m. is 13° 30' E. Mean mag. decl.
is 13° 27' E.

Thence N. 53° 06' W.

Along S. side and 2 lks. dist. from wire fence.
Through open pine timber.

0.43 To Cor. No. 2.

Identical with Cor. H-12 of the list survey, which is
a malpais 9 x 3 x 2 ins. above ground, marked and
witnessed as described by the Forest Service. I de-
stroy all trace of this list cor. Deposit a sandstone
5 x 4 x 2 ins. marked with a + 15 ins. in the ground,
over which set a sandstone 25 x 10 x 4 ins., chiseled
+ for the point and 2 - H E S 507 on NE. face; and
raise a mound of stone 4 ft. base, 2 ft. high NE. of
cor., whence:

A pine 14 ins. dia. bears S. 54° 50' W., 244
lks. dist.

A pine 14 ins. dia. bears N. 5° 25' W., 328
lks. dist.

Each marked 2 H E S 507 + B T.

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Chains Thence N. $0^{\circ} 12' W.$
 Along W. side of and 2 lks. dist. from wire fence.
 Through open pine timber.

15.94 To Cor. No. 3.
 Identical with cor. H-11 of the list survey, which is
 a malpais 8 x 5 x 3 ins. above ground, marked and
 witnessed as described by the Forest Service. I de-
 stroy all trace of this list cor. Deposit a sandstone
 7 x 4 x 2 ins. marked with a + 20 ins. in the ground,
 over which set a sandstone 30 x 12 x 8 ins., chiseled
 + for the point and 3 - H E S 507 on SE. face; and
 raise a mound of stone 4 ft. base, 2 ft. high SE. of
 cor., whence:

A pine 12 ins. dia. bears S. $37^{\circ} 45' W.$, 267
 lks. dist.

A pine 12 ins. dia. bears N. $31^{\circ} 00' W.$, 400
 lks. dist.

Each marked 3 H E S 507 + B T.
 Note:
 (To have placed line 2-3 on sec. line would have
 eliminated land occupied, upon which improve-
 ments had been constructed by claimant.)

Thence N. $46^{\circ} 40' E.$
 Along NW. side and 2 lks. dist. from wire fence.
 Through open pine timber.

0.60 To Cor. No. 4, and Closing Corner on line bet. secs. 7
 and 8.
 Deposit a sandstone 4 x 4 x 3 ins. marked with a +
 24 ins. in the ground, over which set an iron post 36
 ins. long, 2 ins. in dia., with brass cap, marked 1917
 on S. rim; C C on SW., 4 - H E S 507 on SE. half, S 8
 in NE. and S 7 in NW. quadrants; and raise a mound of
 stone 4 ft. base, 2 ft. high SW. of cor. on closing
 line, whence:

A pine 24 ins. dia., bears N. $66^{\circ} 00' E.$,

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237 lks. dist.

A pine, 14 ins. dia., bears N. 10° 45' W.,

292 lks. dist.

Each marked C C 4 H E S 507 + B T.

Cor. to Secs. 5, 6, 7 and 8, previously described,

bears N. 0° 09' E., 16.11 chs. dist.

1/4 cor. bet. secs. 7 and 8, previously described,

bears S. 0° 09' W., 23.46 chs. dist.

Thence N. 38° 37' E.

Through open pine timber, along NW. edge of cultivation.

Along NW. side and 2 lks. dist. from wire fence.

20.68 To cor. No. 5, and C. C. on line bet. secs. 5 and 8.

Deposit a tufa stone 4 x 3 x 2 ins. marked with a +, 14 ins. in the ground, over which set a sandstone 24 x 20 x 12 ins., chiseled + for the point, C C on SW. face and 5 - H E S 507 on SE. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor. on closing line, whence:

A pine, 30 ins. dia., bears S. 20° 05' W.,

161 lks. dist.

A pine, 6 ins. dia., bears N. 78° 30' W.,

244 lks. dist.

Each marked 5 H E S 507 + B T.

Cor. to secs. 5, 6, 7 and 8, previously described,

bears S. 89° 43' W., 12.83 chs. dist.

1/4 cor. bet. secs. 5 and 8, previously described,

bears N. 89° 43' E., 27.05 chs. dist.

Cor. H-10 of the list survey, which is a malpais

boulder 2 x 3 x 3 ft. above ground, marked

and witnessed as described by the Forest Ser-

vice, bears S. 38° W., 13 lks. dist. I de-

stroy all trace of this list cor.

Chains

Thence N. 21° 06' E.

Open pine timber to West and cultivated land to E.

3.40 NW. cor. of wire fence and cultivated land bears E.,
2 lks.

4.75 Road bears NE. and SW.

7.43 To cor. No. 6.

Identical with cor. H-9 of the list survey, which is a sandstone 12 x 8 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I de-

stroy all trace of this list cor. Deposit a sandstone 4 x 4 x 2 ins. marked with a +, 14 ins. in the ground, over which set a tufa stone 24 x 16 x 10 ins., chiseled + for the point and 6 - H E S 507 on S. face; and raise a mound of stone 4 ft. base, 2 ft. high S. of cor., whence:

A pine, 7 ins. dia., bears S. 56° 40' E.,

130 lks. dist.

A pine, 8 ins. dia., bears N. 2° 10' W.,

38 lks. dist.

Each marked 6 H E S 507 + B T.

April 17, 1917.

April 18, 1917.

Thence S. 32° 41' E.

Through open pine timber.

1.80 Road bears NE. and SW.

4.80 NE. cor. wire fence and cultivated land bears 10 lks. to left.

8.20 To cor. No. 7 and C. C. on line bet. secs. 5 and 8.

Also 1/16 sec. cor.

Deposit a tufa stone 5 x 3 x 2 ins. marked with a +,

16 ins. in the ground, over which set a tufa stone 26 x 14 x 12 ins., chiseled + for the point, C C on NW.

face and 7 - H E S 507 on SW. face; 1/16 on N. face, and raise md.

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of stone 4 ft. base, 2 ft. high NW. of cor. on closing line, whence:

A pine, 7 ins. dia., bears S. 36° 35' W., 181 lks. dist., marked 1/16 S 5 7 H E S 507 + B T.

A pine, 9 ins. dia., bears N. 47° 35' W., 218 lks. dist., marked 1/16 S 8 7 H E S 507 + B T.

Cor. to secs. 5, 6, 7 and 8, previously described bears S. 89° 43' W., 19.94 chs. dist.

1/4 sec. cor. bet. secs. 5 and 8, previously described, bears N. 89° 43' E., 19.94 chs. dist.

Cor. H-8 of the list survey, which is a malpais stone 10 x 6 x 3 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 70° W., 20 lks. dist. I destroy all trace of this list cor.

Thence S. 2° 03' E.

Open pine timber to right and cultivated land to left.

12.40 Cor. H-7 of the list survey, which is a malpais 20 x 12 x 10 ins. above ground, marked and witnessed as described by the Forest Service, bears W., 5 lks. dist. I destroy all trace of this list cor;

43.23 To cor. No. 8. Identical with cor. H-6 of the list survey, which is a malpais 8 x 5 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 4 x 2 x 2 ins. marked with a +, 14 ins. in the ground, over which set a sandstone 24 x 10 x 7 ins., chiseled + for the point and 8 - H E S 507 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor., whence:

A pine, 8 ins. dia., bears N. 21° 20' E.,

Chains 245 lks. dist.
A pine, 8 ins. dia., bears S. 77° 55' E.,
151 lks. dist.
Each marked 8 H E S 507 + B T.

Thence S. 83° 10' E.
Over unlisted land. Through open pine timber.

18.56 To cor. No. 9.
Point for cor. falls on a rhyolite boulder in place showing 46 x 30 x 18 ins. above ground. I chisel boulder + on highest point and 9 - H E S 507 on SW. face; and raise a mound of stone 4 ft. base, 2 ft. high SW. of cor., whence:
A pine, 18 ins. dia., bears N. 82° 30' W.,
23 lks. dist.
A pine, 24 ins. dia., bears N. 1° 00' W.,
16 lks. dist.
Each marked 9 H E S 507 + B T.

Cor. H-4 of the list survey, which is a malpais 12 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 4° W., 6 lks. dist.
I destroy all trace of this list cor.

Cor. H-5 of the list survey, which is a malpais 16 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 20° W., 8.05 chs. dist. I destroy all trace of this list cor.

Thence S. 22° 34' E.
Over listed land. Through open pine timber.

1.00 NE. cor. wire fence and cultivated land. Thence along East side and 1 lk. dist. from wire fence.

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Chains

18.00 SE. cor. of cultivated land and cor. wire fence, bears
W. 15 lks. dist.

18.60 Arroyo, 80 lks. wide, 12 ft. deep, running water 2 lks.
wide, course East.

20.80 To cor. No. 10.

Identical with cor. H-3 of the list survey, which is
a malpais stone 10 x 6 x 8 ins. above ground, marked
and witnessed as described by the Forest Service. I
destroy all trace of this list cor. Deposit a rhyo-
lite stone 4 x 2 x 2 ins. marked with a +, 14 ins. in
the ground, over which set a rhyolite stone 24 x 8 x 6
ins., chiseled + for the point and 10 - H E S 507 on
NW. face; and raise a mound of stone 4 ft. base, 2 ft.
high NW. of cor., whence:

A pine, 9 ins. dia., bears S. 27° 45' E.,
73 lks. dist.

A pine, 7 ins. dia., bears S. 25° 45' W.,
67 lks. dist.

A pine, 32 ins. dia., bears S. 50° W.,
4 lks. dist.

Each marked 10 H E S 507 + B T.

Thence N. 80° 57' W.

Through open pine timber.

24.08 To cor. No. 11.

A pine, 10 ins. in dia. in place for cor., marked with
a blaze and (+) on each side for line and 11 - H E S
507 on NE. Raise a mound of stone 4 ft. base, 2 ft.
high NE. of cor., whence:

A pine, 12 ins. dia., bears S. 45° 20' E.,
283 lks. dist.

A pine, 7 ins. dia., bears S. 43° 15' W.,

106 lks. dist.

HOMESTEAD ENTRY SURVEY NO. 507

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Each marked 11 - H ES 507 + B T.
Cor. H-2 of the list survey, which is a malpais boulder 1 x 3 x 2 ft. above ground, marked and witnessed as described by the Forest Service, bears S. 85° E., 10 lks. dist. I destroy all trace of this list cor.

Thence N. 28° 26' W.

Through open pine timber.

15.33 To cor. No. 12.

Deposit a sandstone 4 x 2 x 2 ins. marked with a +, 16 ins. in the ground, over which set a sandstone 26 x 10 x 4 ins., chiseled + for the point and 12 - H E S 507 on NE. face; and raise a mound of stone 4 ft. base, 2 ft. high NE. of cor., whence:

A pine, 12 ins. dia., bears S. 1° 40' E.,

52 lks. dist.

A pine, 7 ins. dia., bears N. 22° 20' W.,

51 lks. dist.

Each marked 12 H E S 507 + B T.

Thence N. 49° 14' W.

Along S. side and 3 lks. dist, from wire fence and cultivated land.

15.03 Cor. H-1 of the list survey, which is a malpais 12 x 7 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

22.36 To cor. No. 1, the point of beginning.

AREA

Area in Sec. 5	- - - - -	2.46	acres
Area in Sec. 7	- - - - -	0.63	acres
Unlisted Area in Sec. 8	- - - - -	7.27	acres
Listed Area in Sec. 8	- - - - -	-109.87	acres
Total Area	- - - - -	120.23	acres

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

IMPROVEMENTS

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

A frame house, 30 x 18 ft., the long side extending N. and S., and the SW. cor. of which bears N. 31° 30' E., 24.04 chs. dist. from cor. No. 1.

Value ----- \$2000.00

A frame stable, 30 x 24 ft., the long side extending N. and S., and the SW. cor. of which bears N. 20° 25' E., 19.40 chs. dist. from cor. No. 1.

Value ----- \$1200.00

A frame granary, 18 ft. square, the SW. cor. of which bears N. 6° 19' E., 18.60 chs. dist. from cor. No. 1.

Value ----- \$ 250.00

A frame cow shed, 26 x 10 ft., the long side extending N. and S. and the SE. cor. of which bears N. 0° 14' W., 13.92 chs. dist. from cor. No. 1.

Value ----- \$ 75.00

A frame chicken house, 14 ft. square, the SE. cor. of which bears N. 0° 51' W., 15.17 chs. dist. from cor. 1.

Value ----- \$ 30.00

About 2 miles of wire fencing.

Value ----- \$ 250.00

A small spring near house.

DESCRIPTION

The claim is surrounded by heavy pine timber. Practically all of the land is cultivated intensively. Water is obtained from a spring near the house for domestic purposes. The overflow from the spring is used to irrigate a vegetable and flower garden near the house.

There were no indications of mineral upon the land.

Note: Any discrepancies between this and the listing

APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains survey is due to error in the latter.

The entryman was present at the time of survey and agreed to the changes as made.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H.E.S. 500 lies abt. 1/2 mile to S. and H.E.S. 499 abt. 1 mi. to South. Alpine, Arizona, the nearest post office and settlement, is about 2 miles in a Westerly direction.

TRAVERSE

Part in Sec. 5.

Cor.	Course	Dist.	N	S	E	W
5-6	N. 21° 06' E.	7.43	6.93		2.67	
6-7	S. 32° 41' E.	8.20		6.90	4.43	
7-5	S. 89° 43' W.	7.11		0.04		7.11
		22.74	6.93	6.94	7.10	7.11
				6.93		7.10
	Error in Lat. and Dep.			.01		.01
	Closing Error, 1:1608.					

Part in Sec. 7.

Cor.	Course	Dist.	N	S	E	W
1-2	N. 53° 06' W.	0.43	0.26			0.34
2-3	N. 0° 12' W.	15.94	15.94			0.06
3-4	N. 46° 40' E.	0.60	0.41		0.44	
4-1	S. 0° 09' W.	16.61		16.61		0.04
		33.58	16.61	16.61	0.44	0.44
				16.61	0.44	
	Error in Lat. and Dep.			.00	.00	
	Closing Error, None.					

DESCRIPTION

The claim is surrounded by heavy pine timber. Practically all of the land is cultivated intensively. Water is pumped from a spring near the house for domestic purposes. The overflow from the spring is used to fertilize a vegetable and flower garden near the house. There were no indications of minerals upon the land. Note: Any discrepancies between this and the listing

THE APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains

Part in Section 8.

Cor.	Course	Dist.	N	S	E	W	
1-4	N. 0° 09' E.	16.61	16.61		0.04		
4-5	N. 38° 37' E.	20.68	16.16		12.91		
5-7	N. 89° 43' E.	7.11	0.04		7.11		
7-8	S. 2° 03' E.	43.23		43.20	1.55		
8-9	S. 83° 10' E.	18.56		2.21	18.43		
9-10	S. 22° 34' E.	20.80		19.21	7.98		
10-11	N. 80° 57' W.	24.08	3.79			23.78	
11-12	N. 28° 26' W.	15.33	13.48			7.30	
12-1	N. 49° 14' W.	22.36	14.60			16.94	
			188.76	64.68	64.62	48.02	48.02
				64.62		48.02	
Error in Lat. and Dep.				.06		.00	

Closing error, 1:3146.

Survey completed May 3, 1920.

L. C. Daves

Surveyor - Forest Service

L. P. Mercer

Surveyor - Forest Service

NATIONAL FOREST

STATE OF

Chains

Part in Section 8.

Chains

Course	Dist.	Chains	Chains
1-4 N. 0° 32' E.	15.81	15.81	0.04
4-5 E. 38° 37' S.	20.38	15.15	15.91
5-7 W. 80° 43' S.	7.11	0.04	7.11
7-8 S. 2° 32' E.	44.23	44.23	1.55
8-9 S. 83° 10' E.	16.38	16.38	18.43
9-10 S. 83° 34' E.	20.80	19.21	7.98
10-11 N. 0° 37' W.	24.08	3.79	2.78
11-12 N. 38° 26' W.	15.33	13.48	7.30
12-1 N. 43° 14' W.	22.36	14.50	13.94
Total		158.78	48.02
Error in lat. and dep.		04.63	13.02
Closing error, 1:3143.		00.	00.

Survey completed May 3, 1920.

Surveyor - Forest Service

Surveyor - Forest Service

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. 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. 507, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1 C C-2	N. 53° 06' W	0.43	26			34	46	12	
2-3	N. 0° 12' W	15.94	15 94			06	06	96	
3-4	N. 46° 40' E	0.60	41		44		44	18	
4 C C-1	S. 0° 09' W	16.61		16 61		04	84		13 95
		33.58	16 61	16 61	44	44	1 26	1 26	13 95
Closing error - None									
1 C C-4 C C	N. 0° 09' E	16.61	16 61		04		04	66	
4 C C-5 C C	N. 38° 37' E	20.68	16 16		12 91		12 99	209 79	
5 C C-7 C C	N. 89° 43' E	7.11	04		7 11		33 01	1 32	
7 C C-8	S. 2° 03' E	43.23		43 20	1 55		41 67		1800 56
8-9	S. 83° 10' E	18.56		2 21	18 43		61 65		136 86
9-10	S. 22° 34' E	20.80		19 21	7 98		88 06		1692 51
10-11	N. 80° 57' W	24.08	3 79			23 78	72 26	273 14	
11-12	N. 28° 26' W	15.33	13 48			7 30	41 18	555 11	
12-1	N. 49° 14' W	22.36	14 50			16 94	16 94	247 15	
		188.76	64 68	64 62	48 02	48 02	1287 17		3629 93
			64 65	64 65	48 01	48 01			1287 17
									20 / 2543 76
									117 14
									117 14 ACRES. F.P.T.
Closing error 1:3146									

2629.93
1287.17
2342.96
117.138

117 16

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

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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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TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 507, STATE ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
36000 500 - 6	N. 21° 06' E	7.43	6 93		2 67		2 67	18 50	
4000 6 - 700 3467	S. 32° 41' E	8.20		6 90	4 43		9 78		67 37
6495 700 - 500	S. 89° 43' W	27.11		04		7 11	7 11		28
		22.74	6 93	6 94	7 10	7 11		18 50	67 65
			01		01				18 50
			6 93	6 93	7 11	7 11		20/49 15	2 46 acres.
Closing error 1:1608									
UNLISTED AREA									
1898 9929°	S. 83° 10' E	18.56		2 21	18 43		18 43		40 73
34200 93969	S. 20° W	8.05		7 56		2 75	34 11		257 87
2893 84866	N. 58° 04' W	18.48	9 77			15 68	15 68	153 19	
			9 77	9 77	18 43	18 43		153 19	298 60
								20/145 41	153 19
								7 27 acres.	20/145 41

119

19

FPT

FPT

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.
 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. 507, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		SOUTH.	DEPARTURES.		DOUBLE M. D. & M.	N. AREAS.	S. AREAS.
			NORTH.	NORTH.		EAST.	WEST.			
	N. 3-13 E.	Closure of Sec. 18, 32.31	82 18	82 18	T. 5 N., R. 31 E.	4 62	G. & S. R. B.			
	N. 39-26 W.	39.54	39		20		39 54			
	S. 89-43 W.	39.88	"				39 88			
	S. 0-09 W.	39.57			39 57		" 10			
	S. 0-14 E.	39.91			39 91	16				
	S. 85-01 E.	34.68			3 01	34 55				
	East	40.30			"	40 30				
		" "	82 57	82 57	82 69	79 63	79 52			
		" "	"	82 57	82 57	79 52	"			
	Error in Lat. and Dep.				12	11				
					12	11				

APPROVAL

Office of the United States Surveyor General,

PHOENIX, ARIZ., August 19, 1920

The foregoing field notes of Homestead Entry Survey No.

507

executed by *Lee C. Daves & L. R. Mercer, Surveyors,*
under his special instructions, dated *February 9*, 1917, 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.