

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

NOV 2- 1916

FIELD NOTES

MAR 28 1918

JUN 17 1918

OF

HOMESTEAD ENTRY SURVEY NO. 384

FEB 2 1910

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

- In Section 17 , -surveyed, Township 17 N., Range 9 E.
- In Section 18 , -surveyed, Township 17 N., Range 9 E.
- In Section 19 , -surveyed, Township 17 N., Range 9 E.
- In Section 20 , -surveyed, Township 17 N., Range 9 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing Dave Bralliar,

Residence Flagstaff, Arizona.
April 4, 1910, May 15, 1911 and

- Application No. 159 , dated October 15 , 1913
- List No. 3-1243 , dated April 22 , 1911
- List No. 3-1800 , dated March 13 , 1912
- List No. 3-3084 , dated April 28 , 1914

Applicant for survey Dave Bralliar,

Residence Flagstaff, Arizona.

- H. E. No. 016181 , dated January 29 , 1912
- H. E. No. 021883 , dated March 24 , 1913 *Amid. Aug. 2, 1916*
- H. E. No. 025661 , dated August 27 , 1914 *cancel Aug. 2, 1916*

Land District Office, Phoenix, Ariz.

Survey executed by R. P. A. Johnson, Surveyor - Draftsman
[Forest Service Title.]

Under special instructions dated July 9 , 1915

Survey commenced November 20 , 1915

Survey completed November 25 , 1915

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

OATH OF ASSISTANTS

We hereby certify that we assisted R.P.A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 384, 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.

W.H. Baecht, Chairman
Douglas E. Maist, Chairman

Subscribed and sworn to before me this fifteenth day of December, 1915.

R.P.A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, R.P.A. Johnson, Surveyor Draftsman
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated July 9, 1915, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in

- List No. 3-1243 ✓, dated April 22, 1911 ✓
- List No. 3-1800 ✓, dated March 13, 1912 ✓
- List No. 3-3084 ✓, dated April 28, 1914 ✓, for

Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 384, situated within the Leacornio National Forest, in
- surveyed Section 17, Township 17N, Range 9E, and
- surveyed Section 18, Township 17N, Range 9E,
- surveyed Section 19, Township 17N, Range 9E,
- surveyed Section 20, Township 17N, Range 9E,
of the Gila and Salt River 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.

R.P.A. Johnson
Surveyor Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this 24th day of March, 1916.

Elsie C. Myers
Notary Public



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Dave Bralliar; Application No. 159, dated April 4, 1910, May 15, 1911 and October 15, 1913; Lists No. 3-1243, 3-1800 and 3-3084, dated April 22, 1911, March 13, 1912 and April 28, 1914; H. E. Nos. 016181, 021883 and 025661, made in the Phoenix Land Office on January 29, 1912, March 24, 1913, and August 27, 1914 by Dave Bralliar.

Surveyed under special instructions from the Surveyor General for Arizona, dated July 9, 1915 and designated as Homestead Entry Survey No. 384.

Situated in secs. 17, 18, 19 and 20, T. 17 N., R. 9 E., Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1915.

Survey commenced November 20, 1915, and executed with a Buff and Buff transit No. 9700-6.

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

All measurements were made directly on the slope with a 500 link steel tape and a Philadelphia stadia rod. The slope angles were determined with a clinometer. Horizontal distances only appear in these notes.

November 20, 1915.

At 3h. 06.3m. p.m., l.m.t., I observe the altitude of the sun for azimuth at cor. No. 1 of this survey. The reading on the reference object is set at zero and the sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time. Latitude 34° 50' 50" N., Longitude 111°

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HOMESTEAD ENTRY SURVEY NO. 384

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains
later verified

28' 40" W., from special instructions from the Surveyor General, and later verified.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	3h. 05m. 57s.	49° 32' 30"	16° 35' 00"
Reversed	3h. 06m. 40s.	49° 06' 00"	17° 04' 30"

Bearing of reference object, N. 1° 05' 01" E.

At 3h. 8.3m. p.m., l.m.t., I again observe the altitude of the sun for azimuth at cor. No. 1. The reading on the reference object is set at zero and the sun was observed in the upper left and lower right quadrants of the field.

Telescope	Time	Horizontal Angle	Vertical Angle
Direct	3h. 07m. 58s.	49° 54' 00"	16° 16' 00"
Reversed	3h. 08m. 37s.	49° 27' 00"	16° 44' 30"

Bearing of reference object, N. 1° 06' 12" E.

The mean of these is N. 1° 05' 36" E., and to the corresponding meridian all the courses of this survey are referred.

RETRACEMENTS - RESURVEYS

November 21, 1915.

From cor. to secs. 7, 8, 17 and 18, T. 17 N., R. 9 E., which is an oak post 4 ins. sq. in a mound of stone, marked and witnessed as described by the Surveyor General.

Thence South.

On a random line bet. secs. 17 and 18.

40.00 After careful search find no trace of 1/4 cor.

80.00 After careful search find no trace of cor. to secs. 17, 18, 19 and 20.

120.48 Fall 10-1/2 lks. East of 1/4 cor. to secs. 19 and 20, which is a post marked and witnessed as described by the

Chains	<p>Surveyor General. The post is partially decayed. I destroy same and restore 1/4 cor. as follows: Set a malpais stone 24 x 14 x 8 ins. 14 ins. in the ground, over a small stone marked with a cross, chiseled 1/4 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Thence N. 0° 03' E.</p>
40.16	<p>On meridional line bet. secs. 19 and 20, N/2. I again make careful search for cor. to secs. 17, 18 and 20, and find no evidence of same. Set temp. point. Continue on course bet. secs. 17 and 18.</p>
80.32	<p>I again make careful search for 1/4 cor., bet. secs. 17 and 18 and find no evidence of same. Set temp. point.</p>
120.48	<p>Cor. for secs. 7, 8, 17 and 18, heretofore described. November 21, 1915.</p>
	<p>November 22, 1915. I proceed to 1/4 cor. bet. secs. 18 and 19, T. 17 N., R. 9 E., which is a post 4 ins. sq. marked and witnessed as described by the Surveyor General. The post is partially decayed. I therefore destroy same and restore 1/4 cor. as follows: Set a malpais stone 24 x 10 x 8 ins. 14 ins. in the ground over a small stone marked with a cross, chiseled 1/4 on N. face; and raise a mound of stone 4 ft. base, 2 ft. high around cor. to protect it. Thence East. On random line.</p>
80.36	<p>Fall 43 lks. S. of 1/4 cor. bet. secs. 17 and 20, which is a post 4 ins. sq. marked and witnessed as described by the Surveyor General. Post has been broken by falling tree. I therefore restore 1/4 cor. as</p>

4.

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Chains follows:
Set a malpais stone 24 x 10 x 6 ins., 12 ins. in the ground, over a small stone marked with a cross, chiseled 1/4 on N. face; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
Thence S. 89° 41' W.
On latitudinal line bet. secs. 17 and 20, W/2.
40.18 Set temp. point for cor. to secs. 17, 18, 19 and 20, on latitudinal line. Continue on course bet. secs. 18 and 19, E/2.
40.64 Fall 33-1/2 lks. S. of temp. point for cor. to secs. 17, 18, 19 and 20 on meridional line.
80.36 1/4 cor. bet. secs. 18 and 19, heretofore described.

Return to temp. point for cor. to secs. 17, 18, 19 and 20 on latitudinal line, and turn right angle toward North, and at 33-1/2 lks. intersect right angle line 45.5 lks. East of temp. point for cor. to secs. 17, 18, 19 and 20, on meridional line. At point of intersection I re-establish cor. to secs. 17, 18, 19 and 20, as follows:
Set a malpais stone 24 x 10 x 5 ins., 14 ins. in the ground, over a small stone marked with a cross, chiseled 3 notches on S. edge and 5 notches on E. edge. No witnesses available. Pits and mound impracticable. Therefore, set an oak post 5 ft. long, 5 ins. sq. 4 ft. in the ground, alongside cor. 1/4 cor. bet. secs. 18 and 19, heretofore described, bears S. 89° 13' W., 40.18 chs. dist.
1/4 cor. bet. secs. 17 and 20, heretofore described, bears S. 89° 50' E., 40.18 chs. dist.

Chains

1/4 cor. bet. secs. 19 and 20, heretofore de-

scribed, bears S. 0° 42' W., 40.16 chs.

Cor. Secs. 7, 8, 17 and 18, heretofore described,

bears N. 0° 17' W., 80.32 chs.

Thence N. 0° 17' W.

On a true line bet. secs. 17 and 18.

40.16 Set a malpais stone 20 x 14 x 12 ins., 10 ins. in the

ground, over a small stone marked with a cross,

chiseled 1/4 on W. face; and raise a mound of stone

3 ft. base, 2 ft. high, W. of cor., for reestablished

1/2 Sec. Cor. between Secs. 17 and 18.

No witnesses available. Pits impracticable.

80.32 Cor. to secs. 7, 8, 17 and 18, heretofore described.

November 22, 1915.

BOUNDARIES OF CLAIM

November 23, 1915.

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

18 and 19.

Deposit a stone 8 x 5 x 2 ins. marked with a + 14

ins. in the ground, over which set a malpais stone

24 x 9 x 6 ins., chiseled + for the point, C.C. on

SE. face; 1 - H E S 384 on E. face; and raise a

mound of stone 3 ft. base, 2-1/2 ft. high, SE. of

cor., whence:

A yellow pine, 40 ins. dia., bears S. 27°

18' E., 112 lks. dist., blazed and scribed

1 H E S 384 + B T.

A yellow pine, 8 ins. dia., bears S. 37°

32' W., 109 lks. dist., blazed and scribed

1 H E S 384 + B T.

Cor. for secs. 17, 18, 19 and 20, heretofore

described, bears N. 89° 13' E., 6.00 chs.

dist.

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Chains	1/4 sec. cor. bet. secs. 18 and 19, bears
	S. 89° 13' W., 34.18 chs. dist.
	Lat. 34° 50' 50" N., Long. 111° 28' 40" W., by account from special instructions from the Surveyor General and later verified.
	Mag. Va. at 3 p.m., 14° 45' E. Mean Mag. Va. 14° 46' E.
	Thence N. 37° 30' W.
	Along fence and edge of timber, over level land.
1.23	Cor. fence, fence bears ENE. and NW. along line.
3.75	Cor. fence, fence bears ENE. and NW. along line.
19.23	To cor. No. 2. At cor. fence.
	Identical with cor. H-2 of the list survey, which is a post 5 x 5 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a stone 4 x 3 x 2 ins. marked with a + 14 ins. in the ground, over which set a malpais stone 24 x 8 x 5 ins., chiseled + for the point and 2 H E S 384 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor.
	whence:
	A yellow pine, 10 ins. dia., bears N. 86° 18'
	W., 100 lks. dist., blazed and scribed
	2 H E S 384 + B T.
	A yellow pine, 24 ins. dia., bears N. 14°
	11' E., 143 lks. dist., blazed and scribed
	2 H E S 384 + B T.
	<hr/>
	Thence N. 2° 42' W.
	Along fence, and edge of timber, over level land.
28.02	Fall 15 lks. W. of cor. H-3 of the list survey, which is a pine post 5 x 5 x 20 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Leave List 3-1243 and enter List 3-1800.
34.88	To cor. No. 3.

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Chains

Identical with cor. H-10 of the list survey, which is
 a pine post 6 x 6 x 22 ins. above ground, marked and
 witnessed as described by the Forest Service. I de-
 stroy all trace of this list cor. Deposit a stone
 4 x 2 x 2 ins. marked with a +, 14 ins. in the ground,
 over which set a malpais stone 24 x 12 x 12 ins., chis-
 eled + for the point and 3 - H E S 384 on SE. face; and
 raise a mound of stone 3 ft. base, 2 ft. high, SE. of
 cor., whence:

A yellow pine, 42 ins. dia., bears N. 41°

02' W., 67 lks. dist., blazed and scribed

3 H E S 384 + B T.

A yellow pine, 34 ins. dia., bears S. 77°

05' W., 35 lks. dist., blazed and scribed

3 H E S 384 + B T.

Thence S. 85° 42' E.

Across N. end of park, over level land. Fence on
 line.

14.70 Base hill, enter timber. Ascend 10 ft.

16.85 Top ascent. Descend 10 ft.

19.00 Base hill, leave timber.

19.20 To cor. No. 4 and C. C. on line bet. secs. 17 and 18.

Deposit a stone 8 x 8 x 8 ins. marked with a +, 14
 ins. in the ground, over which set a malpais stone
 24 x 10 x 6 ins. chiseled + for the point, C C on W.
 face and 4 - H E S 384 on S. face; and raise a mound
 of stone 4 ft. base, 3 ft. high, W. of cor., whence:

A yellow pine, 26 ins. dia., bears S. 49°

35' W., 109 lks. dist., blazed and scribed

4 H E S 384 + B T.

Chains
 A yellow pine, 24 ins. dia., bears N. 37°
 26' W., 109 lks. dist., blazed and scribed
 4 H E S 384 + B T.
 Sec. cor. for secs. 7, 8, 17 and 18, heretofore
 described, bears N. 0° 17' W., 31.73 chs. dist.
 1/4 sec. cor. bet. secs. 17 and 18, heretofore
 described, bears S. 0° 17' E., 8.43 chs. dist.

Thence S. 85° 42' E.

Over level land, in open, fence on line.

5.56 To cor. No. 5, at cor. fence.

Identical with cor. H-11 of the list survey, which is
 a pine post 5 x 5 x 24 ins. above ground, marked and
 witnessed as described by the Forest Service. I de-
 stroy all trace of this list cor. Deposit a stone

3 x 2 x 2 ins. marked with a +, 14 ins. in the ground,

over which set a malpais stone 24 x 8 x 5 ins., chis-

eled + for the point and 5 - H E S 384 on SW. face; and

raise a mound of stone 3 ft. base, 2 ft. high, SW. of

cor., whence:

A yellow pine, 26 ins. dia., bears S. 33° E.,

45 lks. dist., blazed and scribed

5 H E S 384 + B T.

A yellow pine, 32 ins. dia., bears S. 42° 45'

W., 56 lks. dist., blazed and scribed

5 H E S 384 + B T.

Thence S. 22° 50' E.

Along fence and edge of timber, over level land.

5.74 Fall 4 lks. W. of cor. H-4 of the list survey, which is

a pine post 4 x 4 x 20 ins. above ground, marked and

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STATE OF ARIZONA

Chains

witnessed as described by the Forest Service. I de-
stroy all trace of this list cor. Leave List 3-1800
and enter List 3-1243.

23.30 Enter wash, 1 ft. deep, course NE.

24.20 Leave wash, 1 ft. deep.

26.57 Cor. No. 6, at cor. fence.

Identical with cor. H-5 of the list survey, which is
a pine post 2 x 3 x 24 ins. above ground, marked and
witnessed as described by the Forest Service. I de-
stroy all trace of this list cor. Deposit a stone
5 x 4 x 3 ins. marked with a +, 14 ins. in the ground,
over which set a malpais stone 24 x 16 x 10 ins., chis-
eled + for the point and 6 - H E S 384 on W. face; and
raise a mound of stone 3 ft. base, 2 ft. high, W. of
cor., whence:

A yellow pine, 14 ins. dia., bears N. 20°

40' E., 327 lks. dist.; blazed and scribed

5 H E S 384 + B T.

A yellow pine, 18 ins. dia.; bears N. 69°

06' E., 395 lks. dist., blazed and scribed

5 H E S 384 + B T.

November 23, 1915.

November 24, 1915.

Thence S. 13° 11' W.

Along fence and edge of timber, over level land.

0.79 Enter wash, 1 ft. deep, course NNW.

1.72 Leave wash, 1 ft. deep.

12.00 Enter timber.

13.59 To cor. No. 7. At cor. of fence, fence bears WSW.,

NNE. and SSE.

Deposit a stone 4 x 3 x 2 ins. marked with a +, 14
ins. in the ground, over which set a malpais stone

Chains 24 x 12 x 5 ins. chiseled + for the point and
 7 - H E S 384 on W. face; and raise a mound of stone
 3 ft. base, 2 ft. high, W. of cor., whence:
 A yellow pine, 8 ins. dia., bears N. 40°
 57' E., 91 lks. dist., blazed and scribed
 7 H E S 384 + B T.
 A yellow pine, 26 ins. dia., bears N. 89°
 46' E., 103 lks. dist., blazed and scribed
 7 H E S 384 + B T.
 Cor. H-6 of the list survey, which is a
 pine post 6 x 6 x 24 ins. above ground,
 marked and witnessed as described by the
 Forest Service, bears N. 8° 11' W., 82 lks.
 dist. I destroy all trace of this list cor.

Thence S. 25° 14' E.
 Over level land, in timber. Fence on line.
 0.75 Leave timber. Enter open park.
 11.25 Fall 30 lks. W. of cor. H-7 of the list survey, which
 is a pine post 8 x 5 x 20 ins. above ground, marked
 and witnessed as described by the Forest Service. I
 destroy all trace of this list cor. Leave List
 3-1243 and enter List 3-3084.
 11.61 To cor. No. 8 and C. C. on line bet. secs. 17 and 20.
 Deposit broken glass 14 ins. in the ground, over which
 set a malpais stone 24 x 7 x 7 ins. chiseled + for the
 point, C C on NNW. face and 8 - H E S 384 on W. face;
 and raise a mound of stone 4 ft. base, 3 ft. high,
 NNW. of cor., whence:
 A yellow pine, 18 ins. dia., bears N. 18°
 49' E., 130 lks. dist., blazed and scribed
 8 H E S 384 + B T.

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STATE OF ARIZONA

Chains

A yellow pine, 20 ins. dia., bears N. 82°
22' E., 95 lks. dist., blazed and scribed
8 H E S 384 + B T.
Cor. for secs. 17, 18, 19 and 20, heretofore
described, bears N. 89° 50' W., 17.51 chs. dist.
1/4 sec. cor. bet. secs. 17 and 20, heretofore
described, bears S. 89° 50' E., 22.67 chs. dist.

Thence S. 25° 14' E.

Over open level land; fence on line.

6.39 To cor. No. 9.

Identical with cor. H-12 of the list survey, which is
a malpais stone 12 x 12 x 12 ins. above ground, marked
and witnessed as described by the Forest Service. I
destroy all trace of this list cor. Deposit broken
glass 14 ins. in the ground, over which set a malpais
stone 24 x 10 x 8 ins. chiseled + for the point and
9 - H E S 384 on NW. face; and raise a mound of stone
3 ft. base, 2 ft. high, NW. of cor., whence:

A yellow pine, 16 ins. dia., bears N. 89°
20' E., 47 lks. dist., blazed and scribed

9 H E S 384 + B T.

A yellow pine, 20 ins. dia., bears N. 1°

11' E., 52 lks. dist., blazed and scribed

9 H E S 384 + B T.

Thence S. 79° 06' W.

In open, over level land; fence on line.

2.70 Cor. cultivated land, bears NNW. Continue along

edge of cultivated land.

8.10 Cor. cultivated land, bears NW. - Leave cultivated land

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Chains	and enter timber. Ascend 20 ft. to ridge.
10.00	Cor. fence, fence bears NNW. and WSW. along line.
13.00	Top of ridge. Descend 20 ft. to cor. Ridge brs. N. & S.
19.37	To cor. No. 10.
	Identical with cor. H-9 of the list survey, which is a pine post 5 x 5 x 20 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit broken glass 20 ins. in the ground, over which set a malpais stone 30 x 8 x 5 ins. chiseled + for the point and 10 - H E S 384 on N. face; and raise a mound of stone 5 ft. base, 4 ft. high, N. of cor., whence: A yellow pine, 26 ins. dia., bears N. 5° 21' E., 144 lks. dist., blazed and scribed 10 H E S 384 + B T. A yellow pine, 26 ins. dia., bears S. 51° 20' E., 64 lks. dist., blazed and scribed 10 H E S 384 + B T.
	November 24, 1915.
	November 25, 1915. Thence N. 37° 30' W.
	Over level land, in open. Fence on line. Leave List 3-3084 and enter List 3-1800.
1.10	Cor. of fence and cultivated land, bears ENE. Continue along fence and edge of cultivated land.
1.82	Leave List 3-1800 and enter List 3-1243. After careful search no evidence of Cor. H-1 of the list survey could be found.
2.18	To cor. No. 11 and C. C. on line bet. sects. 19 and 20. Deposit a stone 4 x 2 x 2 ins. marked with a +, 14 ins. in the ground, over which set a malpais stone 24 x 8 x 8 ins. chiseled + for the point, C C on SE. face, and 11 - H E S 384 on NE. face; and raise a mound

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STATE OF ARIZONA

Chains of stone 3 ft. base, 2 ft. high, SE. of cor., whence:
 00.00 A yellow pine, 44 ins. dia., bears S. 26°
 00' E., 263 lks. dist., blazed and scribed
 11 H & S 384 + B T.
 00.00 A yellow pine, 18 ins. dia., bears S. 88°
 32' E., 148 lks. dist., blazed and scribed
 11 H & S 384 + B T.
 Cor. for secs. 17, 18, 19 and 20, heretofore
 described, bears N. 0° 42' E., 7.77 chs. dist.
 1/4 sec. cor. bet. secs. 19 and 20, heretofore
 described, bears S. 0° 42' W., 32.39 chs. dist.

Thence N. 37° 30' W.

Over level land, along fence and edge of cultivated
 land.
 7.10 Cor. cultivated land, bears NE. Leave cultivated land.
 7.20 Arroyo, 15 lks. wide, 1 ft. deep, course NE.
 9.69 To cor. No. 1, the place of beginning.

November 25, 1915.

AREA

Area in Sec. 17	60.53 acres
Area in Sec. 18	80.72 acres
Area in Sec. 19	2.33 acres
Area in Sec. 20	14.84 acres
Total Area	158.42 acres

IMPROVEMENTS

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

A log dwelling, 18 x 16 ft., the long side of which
 bears E. and W. and the SW. cor. of which bears

Chains N. 52° 26' E., 4.23 chs., dist. from cor. No. 10.
 Value ----- \$150.00
 A log barn, 40 x 34 ft., the long side of which bears
 E. and W. and the SW. cor. of which bears N. 68°
 23' E., 2.54 chs. dist. from cor. No. 10.
 Value ----- \$500.00
 A well bears West, 206 lks. dist. from cor. No. 8.
 Value ----- \$125.00

DESCRIPTION

This claim is situated 4 miles South of Morman Lake
 and 1 mile West of Tonto Basin wagon road, near the
 head of small draw, at an elevation of 7200 ft.
 The land consists of an open park, surrounded on all
 sides by heavy timber. There are low ridges on the
 S., E. and N. The general slope is to the N. but
 is very slight, not sufficient to drain surface water.
 The tract is without timber except for three small
 patches of yellow pine located on N., S. and E.
 boundaries and covering altogether about 2 acres.
 The soil is a clayey loam, deep and fertile. The
 only rock consists of a few thinly scattered malpais
 boulders.
 There is no water for irrigation and none is necessary.
 Water for domestic use is obtained from 20 ft. well
 in SE. portion of claim.
 There is approximately 20 acres in cultivation, the
 remainder of the claim being used as pasture, about
 10 acres of which have been sown to timothy.
 I saw no indication of mineral upon this claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims.
 Flagstaff, the nearest railroad point and post office,

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STATE OF ARIZONA

Chains

is 35 miles NW. of this tract and is reached by a good wagon road.

Lieu selection for NE/4 sec. 19 (patented to the A. & P. Railroad) had been made at the time of this survey, therefore the area in sec. 19 covered by listing survey was included in the entry survey.

Traverses.

Cor.	Course	Dist.	N	S	E	W
1-2	N. 37° 30' W.	19.23	15.26			11.71
2-3	N. 2° 42' W.	34.88	34.84			1.64
3-4	S. 85° 42' E.	19.20		1.44	19.15	
4-5	S. 85° 42' E.	5.56		0.42	5.54	
5-6	S. 22° 50' E.	26.57		24.49	10.31	
6-7	S. 13° 11' W.	13.59		13.23		3.10
7-8	S. 25° 14' E.	11.61		10.50	4.95	
8-9	S. 25° 14' E.	6.39		5.78	2.72	
9-10	S. 79° 06' W.	19.37		3.66		19.02
10-11	N. 37° 30' W.	2.18	1.73			1.53
11-1	N. 37° 30' W.	9.69	7.69			5.90
			168.27	59.52	59.52	42.67
					59.52	42.67
Error in Lat. and Dep.					.00	.03

Closing error, 1:5609

T. 17 N., R. 9 E., Sec. 17.

Cor.	Course	Dist.	N	S	E	W
Sec.-1/4	N. 0° 17' W.	40.16	40.16			0.20
1/4-4	N. 0° 17' W.	8.43	8.43			0.04
4-5	S. 85° 42' E.	5.56		0.42	5.54	
5-6	S. 22° 50' E.	26.57		24.49	10.31	
6-7	S. 13° 11' W.	13.59		13.23		3.10
7-8	S. 25° 14' E.	11.61		10.50	4.95	
8-Sec.	N. 89° 50' W.	17.51	0.05			17.51
			123.43	48.64	48.64	20.80
					48.64	20.80
Error in Lat. and Dep.					.00	.05

Closing error, 1:2468.

T. 17 N., R. 9 E., Sec. 18.

Cor.	Course	Dist.	N	S	E	W
1-2	N. 37° 30' W.	19.23	15.26			11.71
2-3	N. 2° 42' W.	34.88	34.84			1.64
3-4	S. 85° 42' E.	19.20		1.44	19.15	
4-1/4	S. 0° 17' E.	8.43		8.43	0.04	
1/4-Sec.	S. 0° 17' E.	40.16		40.16	0.20	
Sec.-1	S. 89° 13' W.	6.00		0.08		6.00
			127.90	50.10	50.11	19.39
					50.10	19.35
Error in Lat. and Dep.					.01	.04

Closing error, 1:3104

HOMESTEAD ENTRY SURVEY NO. 384

COCOONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

T. 17 N., R. 9 E., Sec. 19.

Cor.	Course	Dist.	N	S	E	W
Sec.-11	S. 0° 42' W.	7.77		7.77		0.10
11-1	N. 37° 30' W.	9.69	7.69			5.90
1-Sec.	N. 89° 13' E.	6.00	0.08		6.00	
		23.46	7.77	7.77	6.00	6.00
				7.77	6.00	
Error in Lat. and Dep.				.00	.00	

Closing error, None.

T. 17 N., R. 9 E., Sec. 20.

Cor.	Course	Dist.	N	S	E	W
Sec.-8	S. 89° 50' E.	17.51		0.05	17.51	
8-9	S. 25° 14' E.	6.39		5.78	2.72	
9-10	S. 79° 06' W.	19.37		3.66		19.02
10-11	N. 37° 30' W.	2.18	1.73			1.33
11-Sec.	N. 0° 42' E.	7.77	7.77		.10	0.08
		53.22	9.50	9.49	20.33	20.35
			9.49			20.33
Error in Lat. and Dep.				.01		.02

Closing error, 1:2378.

Survey completed November 25, 1915.

R. L. Johnson

Surveyor - Draftsman.

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

Direct Solar at cor. No. 1, November 20, 1915.

Latitude 34° 50' 50" N. Long. 111° 28' 40" W.

Elevation 7200 ft.

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	3h. 05m. 57s.	49° 32' 30"	16° 35' 00"	☉
Reversed	3h. 06m. 40s.	49° 06' 00"	17° 04' 30"	☉
Mean	3h. 06m. 18s.	49° 19' 15"	16° 49' 45"	
	7h. 26m. 00s.		02' 25"✓	
	10h. 32m. 18s.✓		16° 47' 20"✓	

Decl. 19° 37' S.✓

$$\text{Cos. } Q. = \frac{\text{Sin. } 19^\circ 37'}{\text{Cos. } 34^\circ 50' 50'' \times \text{Cos. } 16^\circ 47' 20''} -$$

$$\text{Tan. } 34^\circ 50' 50'' \times \text{Tan. } 16^\circ 47' 20''$$

$$\begin{aligned} \log. \sin. 19^\circ 37' 00'' &= + 9.525984 \checkmark \\ \log. \cos. 34^\circ 50' 50'' &= - 9.914172 \checkmark \\ \log. \cos. 16^\circ 47' 20'' &= - 9.981082 \checkmark \\ \hline &9.630730 \checkmark = \log. .42730 \checkmark \end{aligned}$$

$$\begin{aligned} \log. \tan. 34^\circ 50' 50'' &= 9.842760 \checkmark \\ \log. \tan. 16^\circ 47' 20'' &= 9.479584 \checkmark \\ \hline &9.322344 \checkmark = \log. .21006 \checkmark \end{aligned}$$

$$\text{Cos. } Q. = .63736 \checkmark$$

$$Q. = 50^\circ 24' 16'' \checkmark$$

Bearing of reference object, N. 1° 05' 01" E.✓

(2)

Telescope	Time	Horizontal Angle	Vertical Angle	Pos. Sun
Direct	3h. 07m. 58s.	49° 54' 00"	16° 16' 00"	☉
Reversed	3h. 08m. 37s.	49° 27' 00"	16° 44' 30"	☉
Mean	3h. 08m. 17s.	49° 40' 30"	16° 30' 15"	
	7h. 26m. 00s.		02' 30"✓	
	10h. 34m. 17s.✓		16° 27' 45"✓	

Decl. 19° 37'.

$$\text{Cos. } Q. = \frac{- \text{Sin. } 19^\circ 37'}{\text{Cos. } 34^\circ 50' 50'' \times \text{Cos. } 16^\circ 27' 45''} -$$

$$\text{Tan. } 34^\circ 50' 50'' \times \text{Tan. } 16^\circ 27' 45''.$$

$$\begin{aligned} \log. \sin. 19^\circ 37' 00'' &= + 9.525984 \checkmark \\ \log. \cos. 34^\circ 50' 50'' &= - 9.914172 \checkmark \\ \log. \cos. 16^\circ 27' 45'' &= - 9.981821 \checkmark \\ \hline &9.629991 \checkmark = \log. .42657 \checkmark \end{aligned}$$

$$\begin{aligned} \log. \tan. 34^\circ 50' 50'' &= 9.842760 \checkmark \\ \log. \tan. 16^\circ 27' 45'' &= 9.470560 \checkmark \\ \hline &9.313320 \checkmark = \log. .20575 \checkmark \end{aligned}$$

$$\text{Cos. } Q. = .63232 \checkmark$$

$$Q. = 50^\circ 46' 42'' \checkmark$$

Bearing of reference object, N. 1° 06' 12" E.✓

NATIONAL FOREST

STATE OF

Chains Direct Solar at cor. No. 1, November 30, 1913

Latitude 34° 50' 50" N. Long. 111° 28' 40" W.

Elevation 7300 ft.

Telescope Time Horizontal Angle Vertical Angle Pos. Sum

Direct 31.05m. 57s. 49° 32' 30" 18° 25' 00" +

Reversed 31.05m. 40s. 49° 08' 00" 17° 04' 30" +

Mean 31.05m. 18s. 49° 19' 15" 18° 49' 15" +

7h. 25m. 00s. 18° 47' 30"

10h. 32m. 18s. 18° 47' 30"

Decl. 19° 37' 5"

Cor. C. = sin. 19° 37' 5"

Cor. 34° 50' 50" x Cos. 16° 47' 30"

Tan. 34° 50' 50" x Tan. 16° 47' 30"

log. sin. 19° 37' 5" = 9.525984

log. cos. 34° 50' 50" = 9.914173

log. cos. 16° 47' 30" = 9.981082

log. tan. 34° 50' 50" = 9.842760

log. tan. 16° 47' 30" = 9.472884

log. tan. 16° 47' 30" = 9.328344 = log. 81006

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log. tan. 34° 50' 50" = 9.842760

log. tan. 16° 47' 30" = 9.472884

log. tan. 16° 47' 30" = 9.328344 = log. 81006

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. 384, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
Sec. 16.										
1-2	N. 37° 30' W.	19.23	15 26		11 71	15 02	229 21			
2-3	N. 2° 42' W.	34.88	34 84		1 64	1 65	57 49			
3-4	S. 85° 42' E.	19.20		1 44	19 15	19 14		27 56		
4-1/4	S. 0° 17' E.	8.43		8 43	0 04	38 32		323 04		
1/4 -Sec.	S. 0° 17' E.	40.16		40 16	0 20	38 55		1547 78		
Sec.-1	S. 89° 13' W.	6.00		0 08	6 00	32 74		2 62		
		127.90	50 10	50 11	19 39		286 70	1901 00		
			50 10	50 10	19 37			286 70		
							Area -	1614 30		
								80 72 acres.		Checked E m H
Sec. 17.										
Sec. - 1/4	N. 0° 17' W.	40.16	40 16		0 20	0 26	10 44			
1/4 - 4	N. 0° 17' W.	8.43	8 43		0 04	0 04	3 37			
4 - 5	S. 85° 42' E.	5.56		0 42	5 54	5 54		2 33		
5 - 6	S. 22° 50' E.	26.57		24 49	10 31	21 40		524 09		
6 - 7	S. 13° 11' W.	13.59		13 23	3 10	28 63		378 77		
7-8	S. 25° 14' E.	11.61		10 50	4 95	30 49		320 15		
8- Sec.	N. 89° 50' W.	17.51	0 05		17 51	17 94	0 90			
		123.45	48 64	48 64	20 80		14 71	1225 34		
			48 64	48 64	20 81			14 71		
							Area -	1210 65		
								60 53 acres.		Checked E m H

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EMH

APPROVAL

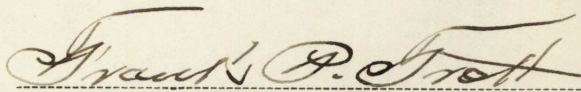
Office of the United States Surveyor General,

Phoenix, Arizona, November 9, 1918

The foregoing field notes of Homestead Entry Survey No.

384

executed by R. P. A. Johnson, Surveyor-Draftsman [Forest Service Title.]
under his special instructions, dated July 9, 1915, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.


U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of Arizona, has been
correctly copied from the original notes on file in this office.

Frank P. Trott
U. S. Surveyor General.