

ORIGINAL
U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUN 2- 1916
JUN 25 1917

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 401

SITUATED IN THE **TUSAYAN** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 23 , - surveyed, Township 30 N., Range 2 E.

In Section 24 , - surveyed, Township 30 N., Range 2 E.

(Surveyed and Accepted)

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing **George A. Reed,**

Residence **Grand Canyon, Arizona**

Application No. **277** , dated **January 3** , 19**13**

List No. **3-2861** ✓ , dated **September 27** , 19**13**

Applicant for survey **George A. Reed,**

Residence **Grand Canyon, Arizona**

H. E. No. **024958** ✓ , dated **April 24** , 19**14**

Land ~~District~~ ^{Office} **Phoenix, Arizona**

Survey executed by **L. C. Way,** **Forest Ranger**
[Forest Service Title.]

Under special instructions dated **August 12** , 19**15**

Survey commenced **November 19** , 19**15**

Survey completed **November 24** , 19**15**

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

OATH OF ASSISTANTS

We hereby certify that we assisted **L. C. Way,**
Forest Ranger in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **401**, in the State
of **Arizona**, which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of our knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished by the United States
Surveyor General for **Arizona.**

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

[Signature], Chairman
M. B. Gray, Chairman

Subscribed and sworn to before me this **13th** day of
December, 19**15**.

[Signature]

Forest Ranger

OATH OF SURVEYOR

I, **L. C. Way,** **Forest Ranger**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
August 12, 19**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, No. **3-2861**, dated **Sept. 27**, 19**13**, for
Patent, under the Act of **June 11**, 19**06**,
the same to be known as Homestead Entry Survey No. **401**,
situated within the **TUSAYAN** National Forest, in
- surveyed Section **23**, Township **30 N.**, Range **2 E.**, and
- surveyed Section **24**, Township **30 N.**, Range **2 E.**,
(Surveyed and Accepted)

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.

[Signature]

Forest Ranger
[Forest Service Title.]

Subscribed and sworn to before me this **21st** day of
December, 19**15**.

[Signature]

Notary Public



My Commission Expires April 8th, 1916.

TUSAYAN NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, George A. Reed; Application No. 277, dated January 3, 1913; List No. 3-2861, dated September 27, 1913; H. E. No. 024958 made in the Phoenix Land Office by George A. Reed on April 24, 1914.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 12, 1915, and designated as Homestead Entry Survey No. 401.

Situated in secs. 23 and 24, T. 30 N., R. 2 E., (surveyed and accepted), Gila and Salt River Base and Meridian, within the Tusayan National Forest, Arizona.

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

Survey commenced November 19, 1915, and executed with a W. and L. E. Gurley light mountain transit equipped with a Burt solar attachment.

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

All measurements were made with a 66 ft. surveyor's chain, which I test by comparison with 66 ft. mark on 100 ft. surveyor's steel tape. Chain leveled on slopes.

November 19, 1915.
At 4h. 58m. 30s. p.m., l.m.t., at corner No. 1 of this survey hereinafter described, I observe Polaris in accordance with instructions.

Latitude 35° 59' N. Longitude 112° 07' W., from special instructions of the Surveyor General and later verified.

Greenwich m.t. U.C. Pol.	Nov. 19, 1915.	9h.	39.1 m.
Correction for Longitude			1.2 m.
l.m.t. U.C.	Nov. 19, 1915.	9h.	37.9 m.
l.m.t. obsn.	Nov. 19, 1915.	4h.	58.5 m.

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Chains
 Hour Angle and time argument, 4h. 39.4 m.
 Azimuth of Polaris, 1° 19' 42" East.
 I turn off 1° 20' W., and mark the line thus determined
 on a stake set firmly in the ground 5.00 chs. North
 of my station.

November 19, 1915.
 At 5h. 48m. p.m., l.m.t., at same station, I again ob-
 serve Polaris, in accordance with instructions.
 Greenwich, l.m.t. U.C. Pol., Nov. 19, 1915. 9h. 39.1 m.
 Correction for Longitude, 01.2 m.
 l.m.t. U.C. Pol., Nov. 19, 1915. 9h. 37.9 m.
 l.m.t. obsn., Nov. 19, 1915. 5h. 48.0 m.
 Hour angle and time argument, 3h. 49.9 m.

Azimuth of Polaris, 1° 12' East.
 I turn off 1° 12' West and point falls 0.5 ins. West of
 point previously set. I mark the mean of these two
 points and from the meridian thus determined all the
 courses of this survey are deflected.
 November 19, 1915.

RETRACEMENTS

November 20, 1915.
 Beginning at 1/4 cor. bet. secs. 13 and 24, a limestone
 5 x 18 x 8 ins. above ground, marked and witnessed as
 described by the Surveyor General.
 Thence West.
 On a random line bet. secs. 13 and 24.
 40.20 Fall 36 lks. N. of cor. common to secs. 13, 14, 23 and
 24, a limestone 11 x 4 x 9 ins. above ground, marked
 and witnessed as described by the Surveyor General,
 with the exception of B T, described as "A pine tree
 24 ins. in dia. bears S. 24° 30' E., 254 lks. dist.,
 marked T 30° N. R 2 E S 24 B T." Correct description

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Chains

being a pine tree, 24 ins. in dia., bears S. 44° 47' E.
250 lks. dist., marked T 30 N R 2 E S 24 B T.

True bearing of line S. 89° 29' W., 40.20 chs.

November 20, 1915.

November 21, 1915.

I return to 1/4 cor. bet. secs. 13 and 24, heretofore
described.

Thence East.

On random line bet. secs. 13 and 24.

40.14 Fall 33 lks. South of cor. common to secs. 13, 18, 19
and 24, a limestone 6 x 12 x 4 ins. above ground,

marked and witnessed as described by the Surveyor Gen-

eral, with the exception of B T, described as "A pine

tree 12 ins. in dia., bears N. 57° E., 79 lks. dist.,

marked T 30 N R 3 E S 18 B T." No evidence of tree

as described. A pine tree 20 ins. in dia., bears

N. 57° E., 124 lks. dist. I blaze and scribe this

tree T 30 N R 3 E S 18 B T.

Thence S. 89° 32' W.

On true line bet. secs. 13 and 24.

13.20 Set temporary point.

20.15 Set temporary point.

40.14 1/4 cor. bet. secs. 13 and 24, heretofore described.

I return to cor. common to secs. 13, 14, 23 and 24,
heretofore described.

Thence South.

On random line.

39.85 Fall 12 lks. West of 1/4 cor. bet. secs. 23 and 24,
a limestone 18 x 12 x 3 ins. above ground, marked and
witnessed as described by the Surveyor General.

Chains

True course S: 0° 10' E., 39.85 chs.

November 21, 1915.

BOUNDARIES OF CLAIM

November 22, 1915.

Beginning at cor. No. 1 and C. C. on line bet. secs. 23 and 24.

Set a limestone 22 x 10 x 4 ins., 12 ins. in ground, over a small stone marked with a cross; chiseled + at the point, 1 - H E S 401 on south face, and C C on NW. face; dig pits 24 x 18 x 12 ins. crosswise on section line North and South 3 ft. dist. and pit 24 x 24 x 12 ins. NW. on claim line 7 ft. dist.; and raise mound of earth and stone 4 ft. base, 3 ft. high on closing line, whence:

A yellow pine, 24 ins. dia., blazed and scribed 1 H. E S 401 C C + B T, bears West, 161 lks.

A yellow pine, 34 ins. dia., blazed and scribed 1 H E S 401. C C + B T, bears N. 75° W., 204 lks.

Cor. common to secs. 13, 14, 23 and 24, heretofore described, bears N. 0° 10' W., 11.64 chs. dist.

1/4 cor. bet. secs. 23 and 24, heretofore described, bears S. 0° 10' E., 28.21 chs.

Mag. decl. at 10:00 a.m., 15° 45' E. Mean mag. decl. 15° 44' E.

Lat. 35° 59' N. Long. 112° 07' W., from special instructions of Surveyor General, and later verified.

(Note: No larger stone available for corner.)

Thence S. 58° 50' E.

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Chains	Over level ground; fence on line.
8.40	Fence, North and South.
8.90	County road, north and south.
9.10	North end of dam, 231 x 66 x 4 ft.
14.26	Ascend NW. slope 27 ft.
16.26	Top of ascent; thence over level ground.
18.26	Descend SE. slope 27 ft.
20.26	Bottom of descent; thence over level ground.
22.82	To cor. No. 2.
	Identical with cor. No. 8 list survey, a limestone 6 x 9 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point set a limestone 24 x 6 x 14 ins., 12 ins. in the ground, over a small stone marked with a cross, chiseled + at the point and 2 - H E S 401 on South face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence: A yellow pine, 11 ins. dia., blazed and scribed 2 H E S 401 + B T, bears S. 1° 30' E., 21 lks. A yellow pine, 24 ins. dia., blazed and scribed 2 H E S 401 + B T, bears S. 89° E., 70 lks.
	Thence N. 74° 18' E.
	Over level ground.
7.00	West end of dam, 132 x 33 x 5 ft., bears South 2.00 chs.
16.32	To cor. No. 3.
	Identical with cor. No. 9 of the list survey, a lime- stone 8 x 12 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point set a lime- stone 24 x 11 x 8 ins., 13 ins. in ground; over a small stone marked with a cross, chiseled + at the point and 3 - H E S 401 on SE. face; and raise a mound of stone

Chains

4 ft. base, 3 ft. high within claim, whence:

A yellow pine, 20 ins. dia., blazed and scribed

3 H E S 401 + B T, bears S. 30° 30' W., 38 lks.

A yellow pine, 22 ins. dia., blazed and scribed

3 H E S 401 + B T; bears N. 29° 30' W., 61 lks.

Thence N. 52° 02' E.

Over level ground.

3.33 West end of dam, 241 x 66 x 5 ft., bears S: 65° 45' E.,
2.00 chs.

13.60 Forest Service telephone line, S. 62° E. and N. 62° W.

31.71 To cor. No. 4 and C. C. on line bet. secs. 13 and 24.

Set a limestone 22 x 9 x 4 ins., 15 ins. in ground,

over a small stone marked with a cross, chiseled + at

the point and 4 - H E S 401 on SE. face, C C on SW.

face; and dig pits 24 x 18 x 12 ins. crosswise on sec.

line east and west 3 ft. dist. and pit 24 x 24 x 12

ins. southerly on line 7 ft. dist.; and raise a mound

of earth 4 ft. base, 3 ft. high on closing line, whence:

A yellow pine, 35 ins. dia., blazed and scribed

4 H E S 401 C C + B T, bears S. 5° 12' E.,

11 lks.

A yellow pine, 24 ins. dia., blazed and scribed

4 H E S 401 C C + B T, bears S. 72° 35' W.,

107 lks.

1/4 cor. bet. secs. 13 and 24, heretofore de-

scribed, bears S. 89° 32' W., 19.99 chs.

Cor. to secs. 13, 18, 19 and 24, heretofore de-

scribed, bears N. 89° 32' E., 20.15 chs.

Cor. No. 10 of the list survey, a limestone

14 x 12 x 8 ins. above ground, marked and

witnessed as described by the Forest Service,

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Chains

bears N. 52° 02' E., 1.00 ch. I destroy
all trace of this list cor.

Note: No larger stone available for corner.

Thence N. 89° 32' E.

Over level ground, bet. secs. 13 and 24.

0.17 Fence, N. 50° E. and S. 50° W.

6.57 Fence, N. 63° W. and S. 63° E.

6.95 To cor. No. 5 and C. C. on line bet. secs. 13 and 24.

Set a limestone 25 x 11 x 6 ins., 15 ins. in ground
over a small stone marked with a cross, chiseled + at
the point and 5 - H E S 401 C C on south face; and dig
pits 24 x 18 x 12 ins. crosswise on line east and west
3 ft. dist. and pit 24 x 24 x 12 ins. south on line 7
ft. dist.; and raise a mound of earth 4 ft. base, 3 ft.
high on closing line, whence:

A yellow pine, 15 ins. dia.; blazed and scribed
5 H E S 401 C C + B T, bears S. 74° 12' W.,
21 lks.

A yellow pine, 22 ins. dia., blazed and scribed
5 H E S 401 C C + B T, bears S. 40° 02' W.,
21 lks.

Cor. common to secs. 13, 18, 19 and 24, hereto-
fore described, bears N. 89° 32' E., 13.20 chs.
1/4 cor. bet. secs. 13 and 24, heretofore de-
scribed, bears S. 89° 32' W., 26.94 chs.

Cor. No. 1 of the list survey, a limestone
6 x 14 x 5 ins. above ground, marked and
witnessed as described by the Forest Service,
bears N. 14° E., 52 lks. I destroy all trace
of this list corner.

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Chains	Thence S. 14° 00' W. Over level ground, fence on line.
14.00	Descend S. slope 18 ft.
16.00	Leave fence, thence over level ground.
21.12	Ditch, course East.
21.15	Road, bears ^h , east and west.
21.35	Forest Service telephone line, bears NW. and SE.
21.61	Ascend rocky N. slope 16 ft.
23.86	To cor. No. 6. Identical with cor. No. 2 of the list survey, a limestone 10 x 10 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point set a limestone 22 x 7 x 9 ins., 18 ins. in the ground, over a small stone marked with a cross, chiseled + at point and 6 - H E S 401 on West face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence: A yellow pine, 21 ins. dia., blazed and scribed 6 H E S 401 + B T, bears N. 65° 30' W., 69 lks. A yellow pine, 18 ins. dia., blazed and scribed 6 H E S 401 + B T, bears S. 71° 30' W., 85 lks. November 22, 1915.
	November 23, 1915. Thence S. 47° 02' W. Over level ground.
7.00	Descend rocky SE. slope 5 ft.
8.00	Foot of descent, thence over level ground.
11.47	Road bears North and South.
11.50	Ditch, course North.
18.50	Ditch, course East.
37.00	Cor. of fence. Fence bears NE. and NW. Road bears NW. and SE.
50.00	Descend S. slope 15 ft.
53.00	Foot descent; thence over level ground.

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Chains	
56.00	Ditch, course West.
67.01	To cor. No. 7.
	Set a limestone 30 x 7 x 8 ins., 18 ins. in the ground, over a small stone marked with a cross, chiseled + at point and 7 - H E S 401 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence:
	A yellow pine, 24 ins. dia., blazed and scribed 7 H E S 401 + B T, bears N. 20° W., 250 lks.
	A yellow pine, 10 ins. dia., blazed and scribed 7 H E S 401 + B T, bears N. 70° 30' E., 249 lks.
	Cor. No. 3 of the list survey, a limestone 6 x 6 x 9 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 42° 05' W., 1.04 chs. I destroy all trace of this list cor.
	Thence N. 19° 48' E. Over level ground.
7.00	Ascend SE. slope (rocky) 7 ft.
8.50	Top ascent, thence over level ground.
12.00	Descend rocky N. slope 10 ft.
14.00	Foot descent, draw course E., ascend rocky S. slope 20 ft.
21.00	Top ascent, thence over level ground.
24.00	Descend rocky NE. slope 17 ft.
33.45	To cor. No. 8.
	Identical with cor. No. 4 of the list survey, a limestone 12 x 16 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point set a limestone 25 x 14 x 8 ins., 14 ins. in ground, over a

Chains	<p>small stone marked with a cross, chiseled + at point and 8 - H E S 401 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence:</p> <p>A yellow pine, 20 ins. dia., blazed and scribed 8 H E S 401 + B T, bears S. 75° E., 62 lks.</p> <p>A yellow pine, 24 ins. dia., blazed and scribed 8 H E S 401 + B T, bears S. 11° E., 21 lks.</p> <p>Cor. of fence bears S. 75° E., 62 lks.</p> <p>East end of dam, 297 x 165 x 8 ft., bears S. 38° E., 11.00 chs.</p> <p>Root cellar (SE. cor.) 14 x 20 ft., bears N. 62° E., 13.00 chs.</p>
	<p>Thence N. 67° 35' W.</p> <p>Over level ground.</p> <p>2.00 Ascend rocky SE. slope 12 ft.</p> <p>3.00 Top ascent, thence over level ground.</p> <p>6.00 Descend rocky NW. slope 12 ft.</p>
	<p>8.00 Bottom of descent, thence over level ground.</p> <p>11.00 To cor. No. 9.</p> <p>Identical with cor. No. 5 of the list survey, a limestone 8 x 14 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point set a limestone 24 x 10 x 5 ins., 16 ins. in ground, over a small stone marked with a cross, chiseled + at the point and 9 - H E S 401 on N. face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence:</p> <p>A yellow pine, 24 ins. dia., blazed and scribed 9 H E S 401 + B T, bears S. 4° 30' E., 39 lks.</p> <p>A yellow pine, 37 ins. dia., blazed and scribed 9 H E S 401 + B T, bears S. 62° 15' E.,</p>

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Chains

142 lks.

Thence N. 48° 20' W.

Over level ground.

1.50 Ascend rocky NE. slope 20 ft.

3.00 Top ascent, thence over level ground.

9.40 County road, N. and S. Ascend rocky E. slope 15 ft.

11.00 Top ascent, thence over level ground.

18.00 Descend rocky NW. slope 8 ft.

18.16 Cor. No. 10 and C. C. on line bet. secs. 23 and 24.

Set a limestone 21 x 10 x 4 ins., 12 ins. in ground,

over a small stone marked with a cross, chiseled + at

the point, 10 - H E S 401 on N. face, and C. C on E.

face; and dig pits 24 x 18 x 12 ins. crosswise on line

N. and S. 3 ft. dist. and pit 24 x 24 x 12 ins. east

on line 7 ft. dist.; and raise a mound of earth 4 ft.

base, 3 ft. high, E. of cor., whence:

A yellow pine, 16 ins. dia., blazed and scribed

10 H E S 401 C C + B T, bears S. 78° E.,

25 lks.

A yellow pine, 12 ins. dia., blazed and scribed

10 H E S 401 C C + B T, bears N. 40° W.,

72 lks.

1/4 cor. bet. secs. 23 and 24, heretofore de-

scribed, bears S. 0° 10' E., 19.57 chs.

Cor. to secs. 13, 14, 23 and 24, heretofore

described, bears N. 0° 10' W., 20.28 chs.

Note: No larger stone available for corner.

Thence N. 48° 20' W.

0.84 Ascend N. slope 8 ft.

1.84 Top ascent, thence over level ground.

2.50 Descend rocky N. slope 50 ft.

Chains
4.00

Fence, NW. and SE.

14.54 Bottom of descent, thence over level ground. Fence

N. 20° W. and S. 20° E.

16.96 To cor. No. 11.

Set a limestone 20 x 9 x 7 ins., 11 ins. in the ground, over a small stone marked with a cross, chiseled + at the point and 11 - H E S 401 on East face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence:

A yellow pine, 27 ins. dia., blazed and scribed

11 H E S 401 + B T, bears N. 25° W., 38 lks.

A yellow pine, 27 ins. dia., blazed and scribed

11 H E S 401 + B T, bears N. 66° W., 49 lks.

Cor. No. 6 of the list survey, a limestone 12 x 18 x 5 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 48° 20' W., 0.50 chs. I destroy all trace of this list cor.

Note: No larger stone available for corner.

November 23, 1915.

November 24, 1915.

Thence North.

Over level ground.

0.11 Fence, N. 20° W. and S. 20° E.

0.63 Fence, N. 30° E. and S. 30° W.

5.00 To cor. No. 12.

Set a limestone 22 x 11 x 3 ins., 13 ins. in the ground, over a small stone marked with a cross, chiseled + at the point and 12 - H E S 401 on the SE. face; and raise a mound of stone 4 ft. base, 3 ft. high within claim, whence:

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STATE OF ARIZONA

Chains

A yellow pine, 21 ins. dia., blazed and scribed
12 H E S 401 + B T, bears N. 21° E., 65 lks.

A yellow pine, 10 ins. dia., blazed and scribed
12 H E S 401 + B T, bears S. 67° 30' E., 90 lks.

Cor. No. 7 of the list survey, a limestone 6 x
8 x 8 ins. above ground, marked and witnessed
as described by the Forest Service, bears
N. 58° 50' W., 34 lks. I destroy all trace
of this list cor.

Note: No larger stone available for corner.

Thence S. 58° 50' E.

Over level ground.

2.63 Fence, N. 45° E. and S. 45° W.

14.74 To cor. No. 1, the place of beginning.

AREA

Area in Sec. 23	-----	8.60 acres
Area in Sec. 24	-----	<u>149.62</u> acres
Total Area	-----	158.22 acres

IMPROVEMENTS

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

One root cellar, 20 x 14 ft., long side bears NW. and
SE., the SW. cor. of which bears N. 62° E., 13.00
chs. from cor. No. 8.

Value ----- \$150.00

Three room frame house, 16 x 20 ft., the long side bears
E. and W., with sleeping porch; the NW. cor. of house
bears S. 27° 30' W., 7.00 chs. from cor. No. 3.

Value ----- \$ 85.00

Chains	<p>A frame shed, 14 x 24 ft., long side bears E. and W.; the NE. cor. of which bears S. 19° E., 7.00 chs. from cor. No. 3. Value ----- \$ 45.00</p> <p>A dam and earth tank, 172 x 70 x 8 ft., the NW. cor. of which bears S. 58° E., 15.25 chs. from cor. No. 3. Value ----- \$ 48.00</p> <p>A dam and earth tank, 132 x 33 x 5 ft., the NW. cor. of which bears S. 63° 20' W.; 10.00 chs. from cor. No. 3. Value ----- \$ 10.00</p> <p>A dam and earth tank, under construction, 241 x 66 x 5 ft., the NW. cor. of which bears N. 72° 15' E., 4.75 chs. from cor. No. 3. Value ----- \$ 48.00</p> <p>A dam and earth tank, 231 x 66 x 4 ft., the north end of which bears S. 58° 50' E., 9.10 chs. from cor. No. 1. Value ----- \$ 60.00</p> <p>A dam and earth tank, 297 x 165 x 8 ft., the NE. cor. of which bears S. 38° E., 11.00 chs. from cor. No. 8. Value ----- \$100.00</p> <p>Approximately three miles of fence. Value ----- \$250.00</p> <p>Total value of improvements ----- \$796.00</p>
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GENERAL DESCRIPTION

This claim is situated in Coconino Wash, gently sloping to the South and West. There is a small open stand of western yellow pine to the West of the house, and also along the edge of the claim, the balance being open grass land.

The only water available is surface, which is caught in cistern at house and in tanks, being sufficient for domestic purposes and small herd of range stock.

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STATE OF ARIZONA

Chains The soil is a true brown loam surface and subsoil of
apparent great depth, with limestone outcroppings
along the edges.

I saw no evidence of mineral deposits on claim.

Grand Canyon post office and railroad station is approx-
imately 8 miles in a northerly direction and is reached
by good wagon roads.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims known.

TRAVERSE - Sec. 23.

Cor.	Course	Dist.	N	S	E	W
10-11	N. 48° 20' W.	16.96	11.27			12.66
11-12	North	5.00	5.00			
12-1	S. 58° 50' E.	14.74		7.63	12.61	
1-10	S. 0° 10' E.	8.64		8.64	.03	
		45.34	16.27	16.27	12.64	12.66
Error in Lat. and Dep.				16.27		12.64
				.00		.02

Error of closure, 1:2267

Sec. 24.

Cor.	Course	Dist.	N	S	E	W
1-2	S. 58° 50' E.	22.82		11.81	19.58	
2-3	N. 74° 18' E.	16.32	4.42		15.71	
3-4	N. 52° 02' E.	31.71	19.51		25.00	
4-5	N. 89° 32' E.	6.95	0.06		6.95	
5-6	S. 14° 00' W.	23.86		23.15		5.77
6-7	S. 47° 02' W.	67.01		45.67		49.03
7-8	N. 19° 48' E.	33.45	31.47		11.33	
8-9	N. 67° 35' W.	11.00	4.19			10.17
9-10	N. 48° 20' W.	18.16	12.07			13.57
10-1	N. 0° 10' W.	8.64	8.64			.03
		239.92	80.36	80.63	78.52	78.57
Error in Lat. and Dep.				80.36		78.52
				.27		.05

Error of closure, 1:874.

Survey completed November 24, 1915.

P. C. Gray
Forest Ranger

Chains

The soil is a fine brown loam surface and subsoil
 apparent first depth, with limestone outcroppings
 along the edges.
 I saw no evidence of mineral deposits on claim.
 Grand Canyon post office and railroad station is approx-
 imately 8 miles in a northerly direction and is reached
 by good wagon roads.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims known.

TRAVELER - Sec. 22.

Cor.	Course	Dist.	N	S	E	W
10-11	N. 48° 30' W.	12.95	11.27			12.66
11-12	North	5.00				
12-1	S. 28° 30' E.	12.74		1.63	12.61	
1-10	S. 0° 10' E.	8.64		8.64		
<hr/>						
		22.24	12.27	12.64		12.66
			12.27			12.64
				00.		08.

Sec. 24.

Cor.	Course	Dist.	N	S	E	W
1-2	S. 68° 30' E.	22.88		11.81		12.68
2-3	N. 74° 18' E.	12.32	4.42			12.71
3-4	N. 32° 02' E.	31.77	12.81			22.00
4-5	N. 39° 31' E.	6.98	0.62			6.36
5-6	S. 14° 00' W.	23.86		22.15		5.71
6-7	S. 47° 03' W.	27.01		46.67		49.03
7-8	N. 19° 48' E.	22.45	21.47		11.33	
8-9	N. 27° 32' W.	11.00	4.19			10.14
9-10	N. 48° 30' W.	12.15	12.07			12.27
10-1	N. 0° 10' W.	8.64		8.64		02.
<hr/>						
		222.92	80.28	80.68	78.62	78.97
			80.28			78.22
				24.		06.

Survey completed November 24, 1915.

Forest Ranger

DIRECTIONS.—1. Carry out calculation 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. 401, STATE OF ~~Arizona~~

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-00 - 2	S. 58° 50' E.	22.82		11 81	19 53		19 53		230 06
2 - 3	N. 74° 18' E.	16.32	442		15 71		54 77	243 18	
3 - 4-CC	N. 52° 02' E.	31.71	1951		25 00		95 49	1866 83	
4-CC - 5-CC	N. 89° 32' E.	6.95	06		6 95		127 45	7 65	
5-CC - 6	S. 14° 00' W.	23.86		23 15		5 77	128 64		2974 16
6 - 7	S. 47° 02' W.	67.01		45 67		49 03	73 87		3368 47
7 - 8	N. 19° 48' E.	33.45	3147		11 33		36 20	1140 66	
8 - 9	N. 67° 35' W.	11.00	419			10 17	37 37	156 95	
9 - 10-CC	N. 48° 20' W.	18.16	1207			13 57	13 63	164 79	
10-CC - 1-CC	N. 0° 10' W.	8.64	864			03	03	26	
		239.92	8036	80 63	78 52	78 57		3580 32	6572 69
			80 50	80 50	78 54	78 54		3580 32	20/2992 37
									149 62
Closing error 1:874									

19

EMH

APPROVAL

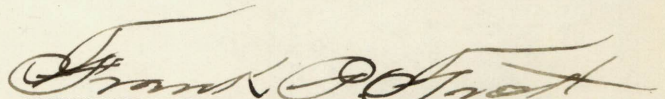
Office of the United States Surveyor General,

Phoenix, Arizona, March 16 , 1918.

The foregoing field notes of Homestead Entry Survey No.

401

executed by **L. C. Way, Forest Ranger** [Forest Service Title.]
under his special instructions, dated **August 12** , 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.