

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

OCT. 28. 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 201

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

JUL 29 1915

in

Section 28, surveyed, Township 11 N., Range 19 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service
Under special instructions dated June 16, 1914
Survey commenced August 14, 1914
Survey completed August 15, 1914
Under Acts of June 11, 1906 and June 30, 1914.

Applicant for listing Ellis L. Stratton.
Residence Pinedale, Arizona.
Application No. 140, dated May 6, 1909
List No. 3-1159, dated March 15, 1911
Applicant for survey Ellis L. Stratton.
Residence Pinedale, Arizona.
H. E. No. 016597, dated February 1, 1912
Land district Phoenix, Arizona.

1.2

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Surveyor-Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 201, in
---surveyed Section 28, Township 11 N., Range 19 E.,
---surveyed Section ---, Township ---, Range ---,

of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey 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 fur-
nished 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.

Charles D. Hodson, Chainman.
Charles L. Baech, Chainman.

Subscribed and sworn to before me this 12th day of
November, 1914.

Walter G. Turley
Surveyor-Forest Service.

OATH OF SURVEYOR

I, Walter G. Turley, Surveyor-Forest Service, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
June 16, 1914, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List, No. 3-1159 dated March 15, 1911, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 201,
situated within the SITGREAVES National Forest, in
---surveyed Section 28, Township 11 N., Range 19 E., and
---surveyed Section ---, Township ---, Range ---,

of the G. & S.R.B. & 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 perpet-
uated in strict accordance with the stated special instruc-
tions, and in the specific manner described in the field
notes, and that the following are the original field notes
of such survey.

Walter G. Turley
Surveyor-Forest Service

Subscribed and sworn to before me this 16 day of

November, 1914.
my commission expires April 6, 1915

R. B. Collis
Notary Public



SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing Ellis L. Stratton; Application No. 140, dated May 6, 1909; List No. 3-1159, dated March 15, 1911; Homestead Entry No. 016597; made in the Phoenix Land Office on February 1, 1912 by Ellis L. Stratton whose post office address is Pinedale, Arizona.

Surveyed under Acts of June 11, 1906 and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated June 16, 1914; and designated as Homestead Entry Survey No. 201.

Situated in surveyed sec. 28, T. 11 N., R. 19 E., G. and S. R. B. and M. within the Sitgreaves National Forest Arizona.

Survey commenced August 14, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment, and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made directly on the slope, with a standard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

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STATE OF ARIZONA.

Chains August 14, 1914.

I set up my transit over the 1/4 sec. cor. to secs. 27 and 28, T. 11 N., R. 19 E., G. and S. R. B. and M. which is a sandstone 12 x 7 x 6 ins. above ground chiseled 1/4 on the W. face, with a mound of stones W. of cor. from which:

A 13 in. yellow pine, scribed 1/4 S B T, bears S. 80° 00' E. 34 lks.

A 24 in. yellow pine, scribed 1/4 S B T, bears S. 78° 00' W. 106 lks.;

and, with telescope direct, I observe Polaris in accordance with instructions at 9h. 40m. p.m., 1.m.t. and mark the direction thus determined with a tack in a

stake set firmly in the ground 5.00 chs. N. of my

station. Lat. 34° 19' 28" N., Long. 110° 20' 00" W.

Astron. 1.m.t. obsn., Aug. 13, 1914 33h. 40.0m.

Astron. 1.m.t. U.C. Pol. Aug. 13, 1914, 16h. 01.0m.

Hour angle Pol. at obsn. 17h. 39.0m.

23h. 56.1m.

Time argument 6h. 17.1m.

Azimuth Pol. at obsn. 1° 23' 24" E.

With my transit set up over the 1/4 sec. cor. to secs. 27

and 28, heretofore described, and the telescope reversed in altitude and azimuth, at 10h. 01.2m. p.m., 1.m.t.

I observe Polaris at Eastern elongation and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

1° 23' 48" E. Azimuth Pol. at E. elong.

August 14, 1914.

August 15, 1914.

I turn off 1° 23 1/2", the azimuth of Polaris to the W. from her direction at 9h. 40m. p.m., 1.m.t., August 14, 1914; and mark the line thus determined with a tack in

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STATE OF ARIZONA.

Chains

a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off $1^{\circ} 24'$, the azimuth of Polaris to the W. from her direction at E. along. at 10h. 01.2m. p.m., 1.m.t. on August 14, 1914 and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls 0°

$00' 06''$ of measured arc to the W. of the line previously determined.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and, from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

$34^{\circ} 19' 28''$ N. lat. and $110^{\circ} 20' 00''$ W. long. at the $1/4$ sec. cor. to secs. 27 and 28, T. 11 N., R. 19 E., G. and S. R. B. and M., taken from values stated in the special instructions of the Surveyor General, which gives $34^{\circ} 19' 31''$ N. lat. and $110^{\circ} 20' 04''$ W. long. at cor. No. 1 of this survey. Owing to conditions I could not make observation for latitude on August 15, 1914.

On August 12, 1914, I compare my watch, by telephone, with the standard 105° meridian telegraphic clock and found it correct. I subtract 2lm. 20s. therefrom for 1.m.t.

I observe the magnetic declination at cor. No. 1 of this survey to be $14^{\circ} 42'$ E. at 4h. 00m. p.m., 1.m.t. August 15, 1914 which gives a mean magnetic declination of $14^{\circ} 44'$ E.

Chains

RETRACEMENTS.

Thence North.

On a random line.

39.96 I fall 49 lks. W. of the cor. to secs. 21, 22, 27 and 28 which is a sandstone 15 x 7 x 6 ins. above ground marked and witnessed as described by the Surveyor General. Return course S. 0° 42' W. 39.96 chs.

Thence West.

On a random line.

39.96 I fall 17 lks. N. of the 1/4 cor. to secs. 21 and 28 which is a sandstone 12 x 9 x 7 ins. above ground marked and witnessed as described by the Surveyor General. Return course N. 89° 45' E. 39.96 chs.

Thence West.

On a random line.

37.50 I fall 46 lks. N. of the cor. to secs. 20, 21, 28 and 29 which is a sandstone 48 x 32 x 29 ins. above ground marked and witnessed as described by the Surveyor General. Return course N. 89° 18' E. 37.54 chs.

Thence South.

On a random line.

40.40 Intersect the 1/4 sec. cor. to secs. 28 and 29 which is a post 3 x 3 x 24 ins. above ground marked and witnessed as described by the Forest Service. Return course North 40.40 chs.

Thence South.

On a random line.

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Chains 40.15	<p>I fall 4 lks. E. of the cor. to secs. 28, 29, 32 and 33, which is a post 4 x 4 x 36 ins. above ground, marked and witnessed as described by the Surveyor General.</p> <p>Return course N. 0° 03' E., 40.15 chs.</p> <hr/> <p>Thence East.</p> <p>On a random line.</p>
40.00	<p>I intersect the 1/4 sec. cor. to secs. 28 and 33, which is a sandstone 24 x 10 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.</p> <p>Return course West, 40.00 chs.</p> <hr/> <p>Thence East.</p> <p>On a random line.</p>
40.28	<p>I fall 6 lks. S. of the cor. to secs. 27, 28, 33 and 34, which is a sandstone 11 x 5 x 6 ins. above ground, marked and witnessed as described by the Surveyor General.</p> <p>Thence S. 89° 55' W.</p> <p>On true line.</p>
20.14	<p>Set temp. point for SE. cor. SW/4 SE/4, sec. 28.</p>
40.28	<p>To 1/4 cor. to secs. 28 and 33, heretofore described.</p> <hr/> <p>Thence North.</p> <p>On a random line.</p>
41.09	<p>I fall 3.05 chs. E. of the 1/4 cor. to secs. 27 and 28, heretofore described.</p> <p>Thence S. 4° 15' E.</p> <p>On a true line.</p>
5.15	<p>Set temp. point for SE. cor. NE/4 NE/4 SE/4, sec. 28.</p>
10.30	<p>Set temp. point for SE. cor. NE/4 NE/4 SE/4, sec. 28.</p>
20.60	<p>Set temp. point for SE. cor. NE/4 SE/4, sec. 28.</p>
41.20	<p>Cor. of secs. 27, 28, 33 and 34, heretofore described.</p>

Chains	Subdivision of Section 28.
	Thence West. On a random line from the 1/4 sec. cor. to secs. 27 and 28, heretofore described.
40.00	Set temporary point.
77.07	I fall 104 lks. N. of the 1/4 sec. cor. to secs. 28 and 29, heretofore described. Return course N. 89° 14' E., 77.08 chs.
<hr/>	
	Thence North. On a random line from the 1/4 sec. cor. to secs. 28 and 33, heretofore described.
81.11	I fall 2.53 chs. W. of the 1/4 sec. cor. to secs. 21 and 28, heretofore described. Thence S. 1° 47' E. On a true median line in sec. 28.
40.56	Set temp. point for center sec. 28, from which: The 1/4 sec. cor. to secs. 27 and 28, heretofore described, bears N. 89° 14' E., 38.44 chs. dist. The 1/4 sec. cor. to secs. 28 and 29, heretofore described, bears S. 89° 14' W., 38.64 chs. dist.
60.85	Set temp. point for SW. cor. of the NW/4 SE/4, sec. 28.
81.15	1/4 sec. cor. to secs. 28 and 33, heretofore described.
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	Thence N. 89° 35' E. On a random line from the temp. point for SW. cor. NW/4 SE/4, sec. 28.
39.36	Intersect temp. point for SE. cor. of NE/4 SE/4, sec. 28. Thence S. 89° 35' W. On a true line.
9.84	Set temp. point for SW. cor. of SE/4 NE/4 SE/4, sec. 28.
19.68	Set temp. point for SW. cor. NE/4 SE/4, sec. 28.

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Chains

39.36 To temp. point for SW. cor. NW/4 SE/4, sec. 28.

Thence S. 89° 14' W.

On a true line from the 1/4 sec. cor. to secs. 27 and 28.

4.80 Set temp. point for NW. cor. NE/4 NE/4 NE/4 SE/4, sec. 28.

9.61 Set temp. point for NW. cor. NW/4 NE/4 NE/4 SE/4, sec. 28.

19.22 Set temp. point for NW. cor. NE/4 SE/4, sec. 28.

38.44 To temp. point for NW. cor. SE/4, sec. 28.

Thence N. 3° 01' W.

On a random line from temp. point for SW. cor. SE/4 SE/4, sec. 28.

40.90 Intersect temp. point for NE. cor. NW/4 SE/4, sec. 28.

Thence S. 3° 01' E.

On a true line.

10.22 To temp. point for NW. cor. SW/4 NE/4 SE/4, sec. 28.

20.45 To temp. point for SW. cor. NE/4 SE/4, sec. 28.

40.90 To temp. point for SE. cor. SW/4 SE/4, sec. 28.

Thence S. 3° 38' E.

On a random line from temp. point for NE. cor. NW/4 NE/4 SE/4, sec. 28.

20.52 Intersect temp. point for SE. cor. SW/4 NE/4 SE/4.

Thence N. 89° 25' E.

On a random line from temp. point for NW. cor. SW/4 NE/4 SE/4, sec. 28.

19.45 Intersect temp. point for SE. cor. NE/4 NE/4 SE/4, sec. 28.

Thence S. 89° 25' W.

On a true line.

4.86 Set temp. point for SW. cor. SE/4 NE/4 NE/4 SE/4, sec. 28.

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Chains 9.72	Set temp. point for NE. cor. SW/4 NE/4 SE/4, sec. 28.
19.45	To temp. point for SW. cor. NW/4 NE/4 SE/4, sec. 28.
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	Thence N. 3° 38' W.
	On a true line from temp. point for SW. cor. SE/4 NE/4 SE/4, sec. 28.
10.26	To temp. point for NE. cor. SW/4 NE/4 SE/4, sec. 28.
15.39	I mark the temp. point for SW. cor. NW/4 NE/4 NE/4 SE/4, sec. 28.
20.52	To temp. point for NE. cor. NW/4 NE/4 SE/4, sec. 28.
<hr/>	
	Thence N. 89° 20' E.
	On a random line from temp. SW. cor. NW/4 NE/4 NE/4, SE/4, sec. 28.
9.68	To temp. SE. cor. NE/4 NE/4 NE/4 SE/4, sec. 28, heretofore set.
	Return course S. 89° 20' W.
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	Thence N. 3° 56' W.
	On a random line from temp. point for SW. cor. SE/4 NE/4 NE/4 SE/4, sec. 28.
10.28	To temp. point for NW. cor. NE/4 NE/4 NE/4 SE/4, sec. 28.
	Thence S. 3° 56' E.
	On a true line.
5.14	Set temp. point for NE. cor. SW/4 NE/4 NE/4 SE/4, sec. 28.
10.28	To temp. point for SE. cor. SW/4 NE/4 NE/4 SE/4, sec. 28.
<hr/>	
	H.E. S. No. 201.
	Thence S. 40° 49' W.
	On a random by direct measurement for a tie, from 1/4 sec. cor. to secs. 27 and 28.
6.85	To cor. No. 1.

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Chains

Identical with temp. point for E. cor. SW/4 NE/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 16 ins. in the ground, over which I set a sandstone 26 x 10 x 10 ins., 16 ins. in the ground, chiseled (+) at the point and 1 - H E S 201 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor., from which:

A 24 in. pine, scribed 1 H E S 201 + B T,
bears S. 71° 20' W., 141 lks.

A 16 in. pine, scribed 1 H E S 201 + B T,
bears N. 6° 30' W., 130 lks.

1/4 sec. cor. to secs. 27 and 28, heretofore
described, bears N. 40° 49' E., 6.85 chs.

Thence S. 3° 56' E.

Along the E. bdy. of the SW/4 NE/4 NE/4 SE/4, sec. 28
and List 3-1159.

Descend S. slope 5 ft. in open.

0.95 Leave slope, bears E. and W. and continue over bottom.

5.14 To cor. No. 2.

Identical with temp. point for SE. cor. SW/4 NE/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 4 x 3 x 2 ins., and deposit it 14 ins. in the ground, over which I set a limestone 24 x 8 x 5 ins., 14 ins. in the ground, chiseled (+) at the point and 2 - H E S 201 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor., from which:

An 18 in. pine, scribed 2 H E S 201 + B T,
bears N. 16° 43' E., 73 lks.

An 18 in. pine, scribed 2 H E S 201 + B T,
bears N. 63° 45' E., 105 lks.

Chains Thence S. $89^{\circ} 25' W$.

Along the S. bdy. of the SW/4 NE/4 NE/4 SE/4, sec. 28 and List 3-1159. Over bottom in open.

1.32 Wire fence, bears N. and S.

4.86 To cor. No. 3.

Identical with temp. point for SW. cor. SW/4 NE/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 15 ins. in the ground, over which I set a sandstone 25 x 12 x 6 ins., 15 ins. in the ground, chiseled (+) at the point and 3 - H E S 201 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which:

A 24 in. pine, scribed 3 H E S 201 + B T, bears S. $64^{\circ} 22' E$, 82 lks.

A 24 in. pine, scribed 3 H E S 201 + B T, bears S. $39^{\circ} 12' W$, 105 lks.

Thence S. $3^{\circ} 38' E$.

Along the E. bdy. of the SW/4 NE/4 SE/4, sec. 28 and List 3-1159. Over bottom in open.

4.72 Wire fence, bears NE. and SW.

6.15 Center line of county road bears NE. and SW. Leave bottom and ascend NW. slope 15 ft. in scattering pine timber.

10.26 To cor. No. 4.

Identical with temp. point for SE. cor. SW/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 3 x 3 x 2 ins. and deposit it 16 ins. in the ground, over which I set a sandstone 26 x 12 x 5 ins., 16 ins. in the ground, chiseled (+) at the point and 4 - H E S 201 on the NW. face; and raise a mound of stone 2 ft. base,

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Chains	1-1/2 ft. high NW. of cor., from which:
	A 30 in. pine, scribed 4 H E S 201 + B T, bears S. 62° 45' E., 18 lks.
	A 22 in. pine, scribed 4 H E S 201 + B T, bears N. 58° 30' W., 83 lks.
	Thence S. 89° 35' W.
	Along the S. bdy. of the SW/4 NE/4 SE/4, sec. 28 and 'List 3-1159. Descend NW. slope 15 ft. in scattering pine timber.
6.02	Center line of county road, bears NE. and SW.
6.36	Wire fence bears NE. and SW. Enter cultivated bottom land.
9.34	To cor. No. 5.
	At which point I chisel (+) on a stone 3 x 3 x 2 ins., and deposit it 17 ins. in the ground, over which I set a sandstone 27 x 12 x 8 ins., 17 ins. in the ground, chiseled (+) at the point and 5- H E S 201 on the NE. face; and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, NE. of cor., from which:
	A 28 in. pine, scribed 5 H E S 201 + B T, bears S. 47° 39' E., 173 lks.
	Thence N. 3° 01' W.
	Along E. bdy. of road reservation and List 3-1159, 'over cultivated bottom land in open.
13.80	Fence, bears E. and W. Leave cultivated land and con- tinue in pasture.
18.15	Fence, bears NE. and SW. Leave pasture and continue in open.

Chains
20.45

To cor. No. 6.

At which point I chisel (+) on a stone 3 x 2 x 2 ins., and deposit it 18 ins. in the ground, over which I set a sandstone 28 x 15 x 14 ins., 18 ins. in the ground, chiseled (+) at the point and 6 - H E S 201 on the SE.

face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., from which:

A 22 in. pine, scribed 6 H E S 201 + B T,
bears N. 50° 30' E., 9 lks.

A 24 in. pine, scribed 6 H E S 201 + B T,
bears S. 68° 30' E., 83 lks.

Thence N. 89° 14' E.

Along the N. bdy. of the NE/4 SE/4, sec. 28 and List 3-1159, over bottom in open.

2.98 Wire fence, bears NE. and SW.

9.11 To cor. No. 7.

Identical with temp. point for NE. cor. NW/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 4 x 3 x 2 ins., and deposit it 16 ins. in the ground, over which I set a limestone 26 x 10 x 5 ins., 16 ins. in the ground, chiseled (+) at the point and 7 - H E S 201 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor., from which:

A 24 in. pine, scribed 7 H E S 201 + B T,
bears S. 14° 00' E., 54 lks.

A 24 in. pine, scribed 7 H E S 201 + B T,
bears N. 35° 40' W., 61 lks.

Thence S. 3° 38' E.

Along the E. bdy. of the NW/4 NE/4 SE/4, sec. 28, and

RESITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains
5.13 List-3-1159.-----
To cor. No. 8.
Identical with temp. point for NW. cor. SW/4 NE/4 NE/4 SE/4, sec. 28. At which point I chisel (+) on a stone 3 x 3 x 2 ins. and deposit it 18 ins. in the ground, over which I set a sandstone 28 x 12 x 5 ins., 18 ins. in the ground, chiseled (+) at the point and 8 - H E S 201 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which:
An 18 in. pine, scribed 8 H E S 201 + B T, bears N. 81° 10' W., 19 lks.
A 16 in. pine, scribed 8 H E S 201 + B T, bears N. 25° 00' W., 85 lks.

Thence N. 89° 20' E.

Along the N. bdy. of the SW/4 NE/4 NE/4 NE/4 SE/4, sec. 28 and List 3-1159.

3.55 Fence, bears N. and S. Leave bottom and ascend SW. slope 5 ft.

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

AREA

Total Area - - - - - 21.38 acres

IMPROVEMENTS

The improvements made upon this homestead consist of the following:

A frame dwelling 16 x 14 ft., the long side extending N. and S. and the SE. cor. of which bears N. 25° 20' W., 3.70 chs. dist. from cor. No. 2 of this survey.

Value ----- \$150.00

A well, 4 x 4 x 25 ft. deep, the center of which bears N. 21° 00' W., 3.70 chs. dist. from cor. No. 2 of this

Chains survey. Value -----\$200.00
 Approximately 1 mile of wire fencing.
 Value -----\$100.00
 Approximately 10 acres of cultivated land.

DESCRIPTION

This claim is situated on the N. slope of the Mogollon Mesa at an elevation of approximately 6500 ft., and embraces a tract of bottom land, along Cottonwood Creek, sloping gently to the North. This section is timbered and a few trees are included in this survey. Sufficient water for domestic purposes and for stock is obtained from the well, or along the bed of Cottonwood Creek, which does not flow the entire year. The soil is a clay loam and produces the ordinary crops of the temperate zone without artificial irrigation; but is probably best adapted to the small grains and sorghums, good crops of which have been produced. This section is not reported to be mineralized; and no townsites, mining, coal or oil claims are known to have been located in this vicinity. Pinedale post office is 9 miles by wagon road in an easterly direction. Holbrook railway station is 60 miles in a northerly direction.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The SE/4 SW/4 SW/4 SE/4, which is included in List 3-1159, is not included in this survey according to the special instructions of the Surveyor General. List 884, Homestead Entry No. 0171, made by Ellis L. Stratton, lies immediately W. of this claim across the road reservation which is 33 ft. wide

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains

extending along the W/2 NE/4 SE/4, sec. 28. List
3-1785 adjoins this survey on the East and North.

August 15, 1914.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	S. 3° 56' E.	5.14		5.13	0.35	
2-3	S. 89° 25' W.	4.86		0.05		4.86
3-4	S. 3° 38' E.	10.26		10.24	0.65	
4-5	S. 89° 35' W.	9.34		0.07		9.34
5-6	N. 3° 01' W.	20.45	20.42			1.08
6-7	N. 89° 14' E.	9.11	0.12		9.11	
7-8	S. 3° 38' E.	5.13		5.12	0.33	
8-1	N. 89° 20' E.	4.84	0.06		4.84	
		<u>69.13</u>	<u>20.60</u>	<u>20.61</u>	<u>15.28</u>	<u>15.28</u>
				<u>20.60</u>	<u>15.28</u>	

Error in Lat. and Dep. .01 .00

Closing error, 1:6913.

Walter J. Husley
Surveyor - Forest Service

Chains
 extending along the W 1/2 Sec 34, sec. 28,
 3-1785 adjoins this survey on the East and North.
 August 15, 1914.

Cor.	Course	Dist.	N	S	E	W
1-2	S. 3° 50' E.	5.14		5.13	0.35	
2-3	S. 89° 35' W.	4.86		0.08		4.86
3-4	S. 3° 35' E.	10.25		10.24	0.68	
4-5	S. 89° 35' W.	9.34		0.07		9.34
5-6	N. 3° 01' W.	20.45	20.43			1.08
6-7	N. 89° 14' E.	9.11	9.12		9.11	
7-8	S. 3° 35' E.	5.13		5.12	0.33	
8-1	N. 89° 30' E.	4.94	0.08		4.84	
		62.18	20.60	20.61	12.28	12.28
			20.60	20.60	12.28	
				01.	00.	

Glosing error, 1:5913.
 Error in lat. and Dep.

Surveyor - Forest Service

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

DETAILED COMPUTATIONS.

34° 19' 28" N. lat. at 1/4 sec. cor. to secs. 27 and 28
T. 11 N., R. 19 E. From special instructions
of Surveyor General.

$$\frac{5.14}{80.00} \times 0'.871 = 03''.3$$

$$0^\circ 00' 03''$$

34° 19' 31" N. lat. at cor. No. 1 of this survey.

110° 20' 00" W. long. at the 1/4 sec. cor. to secs. 27
and 28, T. 11 N., R. 19 E. From special
instructions of Surveyor General.

$$4.80 \times \frac{377.69}{480.00} = 3.77$$

$$0^\circ 00' 04''$$

110° 20' 04" W. long. at cor. No. 1 of this survey.

110° 20' 04" long. = 7h. 21m. 20s. of time.

Polaris obsn. 9h. 40m. p.m., l.m.t. Aug. 14, 1914 at cor.
No. 1, telescope direct.

4h. 02.2m. a.m. Greenwich m. t. U. C. Pol. Aug. 14, 1914.
1.2m. sidereal correction.

4h. 01.0m. a.m. l.m.t. U. C. Pol. Aug. 14, 1914.

16h. 01.0m. astron l.m.t. U. C. Pol. Aug. 13, 1914.

33h. 40.0m. astron. l.m.t. obsn. Aug. 13, 1914.

17h. 39.0m. hour angle Pol. at obsn.

23h. 56.1m.

6h. 17.1m. time argument.

88° 50' 48" decl. Pol. Aug. 14, 1914.

$$\frac{2.5}{11.6} \times 0.5 = 0.1 \quad 83.4 \text{ Azimuth.}$$

1° 23' 24" E. Azimuth Pol. at obsn.

HOMESTEAD ENTRY SURVEY NO. 201

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

Polaris obsn. at E. elong. Aug. 14, 1914 at cor. No. 1

telescope reversed in altitude and azimuth.

10h. 03.1m. p.m. Greenwich m. t. E. elong. Aug. 14, 1914
lat. 40° N.

1.2m. sidereal correction.

10h. 01.9m. p.m. 1.m.t. E. elong. Aug. 14, 1914. Lat.
40° N.

0.7m. latitude correction to cor. No. 1.

10h. 01.2m. p.m. 1.m.t. E. elong. Aug. 14, 1914. Cor.
No. 1.

88° 50' 48" decl. Pol. Aug. 14, 1914.

$\frac{19.5 \times 61}{60.0} = 19.8$ Interpolate.

1° 23' 48" E. azimuth Pol. at E. elong. Aug. 14, 1914.

T. H.

Polaris obsn. at E. elong. Aug. 14, 1914 at cor. No. 1.
telescope direct.

10h. 03.1m. p.m. Greenwich m. t. U. G. Pol. Aug. 14, 1914.
lat. 40° N.

1.2m. sidereal correction.

10h. 01.9m. p.m. 1.m.t. U. G. Pol. Aug. 14, 1914. Lat.
40° N.

0.7m. latitude correction to cor. No. 1.

10h. 01.2m. p.m. 1.m.t. U. G. Pol. Aug. 14, 1914. Cor.
No. 1.

88° 50' 48" decl. Pol. Aug. 14, 1914.

$\frac{19.5 \times 61}{60.0} = 19.8$ Interpolate.

1° 23' 48" E. azimuth Pol. at obsn.

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.

Ellis L. Stratton.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 201, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
062860 99761-2	S. 3° 56' E.	5.14		5 13	0 35		28 91	148 31	
9996 07078 2-3	S. 89° 25' W.	4.86		0 05	4 86		24 40	1 22	
06327 99799 3-4	S. 3° 38' E.	10.26		10 24	0 65		20 19	206 75	
007227 4-5	S. 89° 35' W.	9.34		0 07	9 34		11 50	0 81	
052263 99867 5-6	N. 3° 01' W.	20.45	20 42		1 08		1 08	22 06	
07328 6-7	N. 89° 14' E.	9.11	0 12		9 11		9 11	1 09	
06389 99799 7-8	S. 3° 38' E.	5.13		5 12	0 33		18 55	94 98	
07164 8-1	N. 89° 20' E.	4.84	0 06		4 84		23 72	1 42	
		69.13	20 60	20 61	15 28		24 57	452 07	
			20 61	20 61	15 28			24 57	
					15 28			427 50	
								21 38	
	1:6913 Closing error.						Area		

T.H.

21

1:0012 closing error.

COBVERS	BEVING	DISVANCE	VALLODER		DELYKLODER		DOBBLE W D	W. VREYS	S. VREYS
			MOER	SOER	EVAS	W. EVAS			
L-8	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-8	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-9	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-2	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-4	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-7	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
V-3	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0
S-L	W. 88% 501 E.	AG. A	00 0	00 0	AG. A	00 0	00 0	00 0	00 0

LABLING AND CALCULATIONS OF HOMERLEAD ENTER SURVEY WORK FOR STATE OF ALABAMA

WILLIAM I. BRIDGEMAN

Office of the State Surveyor, Montgomery, Alabama. This report was prepared under the direction of the State Surveyor, and is published for the information of the public. It is not to be construed as a contract or warranty of any kind.

APPROVAL

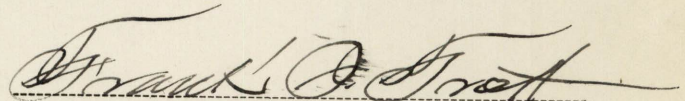
Office of the United States Surveyor General,

Phoenix, Arizona, March 8 , 1917.

The foregoing field notes of Homestead Entry Survey No.

201

executed by **Walter G. Turley, Surveyor-Forest Service**
[Forest Service Title.]
under his special instructions, dated **June 16,** , 1914, 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.