

JUN 5 - 1917

12-3-1916

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 288

SITUATED IN THE

CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 31, --surveyed, Township 21 S., Range 19 E.

(Survey approved)

Section 36, --surveyed, Township 21 S., Range 18 E.

(Survey awaiting approval)

of the

Gila and Salt River Base and Meridian.

Survey executed by Walter G. Turley, Surveyor-Forest Service.

Under special instructions dated October 17, 1914.

Survey commenced December 14, 1914.

Survey completed December 16, 1914.

Under Acts of June 11, 1906 and June 30, 1914.

Applicant for listing Henry Pyeatt.

Residence Canille, Arizona.

Application No. 78, dated November 27, 1907.

Application No. 289, dated June 11, 1913.

List No. 1378, dated April 14, 1908.

List No. 3-3167, dated May 18, 1914.

Applicant for survey Henry Pyeatt.

Residence Canille, Arizona.

H. E. No. 0280, dated July 25, 1908.

Land district Phoenix, Arizona.

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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. 288, in
--- surveyed Section 31, Township 21 S., Range 19 E., (Survey
--- surveyed Section 36, Township 21 S., Range 18 E., approved)
--- (Survey awaiting approval) ---

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 G. Balch - Chainman.

Subscribed and sworn to before me this 21st day of

January, 1915.

Walter G. Turley
Surveyor - Forest Service

OATH OF SURVEYOR

Service

I, Walter G. Turley, Surveyor - Forest, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
October 17, 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
Lists No. 1378 & No. 3-3167, dated April 14, 1908 & May 18, 1914, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 288,
situated within the Coronado National Forest, in
--- surveyed Section 31, Township 21 S., Range 19 E., and (Survey
--- surveyed Section 36, Township 21 S., Range 18 E., approved)
--- (Survey awaiting approval) ---

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 23rd day of

February, 1915.

Elsie C. Meyer
Notary Public



CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing Henry Pyeatt; Applications Nos. 78 and 289, dated November 27, 1907 and June 11, 1913; Lists Nos. 1378 and 3-3167, dated April 14, 1908 and May 18, 1914; Homestead Entry No. 0280 for List 1378; made in the Phoenix Land Office on July 25, 1908 by Henry Pyeatt.

Surveyed under Acts of June 11, 1906, and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated October 17, 1914, and designated as Homestead Entry Survey No. 288.

Situated in sec. 31, T. 21 S., R. 19 E. (survey approved) and sec. 36, T. 21 S., R. 18 E. (surveyed and approved) G. & S. R. B. & M. within the Coronado National Forest, Arizona.

Survey commenced December 14, 1914, and executed with a W. & 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

Chains

with two targets the verniers of which read to thousandths of a foot.

December 14, 1914.

I set up my transit over cor. to secs. 1, 6, 31 and 36,

Ts. 21 and 22 S., Rs. 18 and 19 E., which is a lime-

stone 10 x 7 x 4 ins. above ground, marked and witness-

ed as described by the Surveyor General; and, with

telescope direct, I observe Polaris in accordance with

instructions at 5h. 45m., p.m., l.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, in

lat. 31° 33' 25" N. and long. 110° 27' 32" W., from

Benson Quadrangle Advance Sheet, U. S. G. S.
Astron. l.m.t. obsn. Dec. 13, 1914, 29h. 45.0m.

Astron. l.m.t., U.C. Pol. Dec. 13, 1914, 8h. 01.7m.

Hour angle Pol. at obsn. 21h. 43.3m.

Time argument 23h. 56.1m.

Azimuth Pol. at obsn. 0° 44' 36" E. 2h. 12.8m.

With my transit set up over cor. to secs. 1, 6, 31 and 36

Ts. 21 and 22 S., Rs. 18 and 19 E., heretofore described

and the telescope reversed in altitude and azimuth, at

5h. 54m., p.m., l.m.t. on the same date, I again observe

Polaris in accordance with instructions, and mark the

direction thus determined with a tack in a stake set

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

Astron. l.m.t., obsn. Dec. 13, 1914, 29h. 54.0m.

Astron. l.m.t., U.C. Pol. Dec. 13, 1914, 8h. 01.7m.

Hour angle Pol. at obsn. 21h. 52.3m.

Time argument 23h. 56.1m.

Azimuth of Pol. at obsn. 0° 41' 54" E. 2h. 03.8m.

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STATE OF ARIZONA.

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I turn off $0^{\circ} 44-1/2'$, the azimuth of Polaris, to the W. from her direction at 5h. 45m., p.m., l.m.t., Dec. 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.

I also turn off $0^{\circ} 42'$, the azimuth of Polaris, to the W. from her direction at 5h. 54m. p.m., l.m.t.; 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 $0^{\circ} 00' 48''$ of measured arc to the W. of the line previously established.

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.

Latitude $31^{\circ} 33' 25''$ N., and longitude $110^{\circ} 27' 32''$ W. at cor. to secs. 1, 6, 31 and 36, Ts. 21 and 22 S., Rs. 18 and 19 E., taken from Benson Quadrangle Advance Sheet U. S. G. S. Cor. No. 1 of this survey is identical with the above described cor. It was not possible to check the latitude by direct observation. My watch is set for standard 105th. meridian time from which I subtract 21m. 50s. for l.m.t. Magnetic declination at 8h. 00m., a.m., l.m.t., December 15, 1914 at cor. No. 1 of this survey is $13^{\circ} 40'$ E. which reduced gives a mean magnetic declination of $13^{\circ} 39'$ E.

RETRACEMENT.

Thence West.

On a random line from cor. to secs. 1, 6, 31 and 36,

Chains

Ts. 21 and 22 S., Rs. 18 and 19 E., which is a limestone 10 x 7 x 4 ins. above ground, chiseled with 6 notches on the N., E., S., and W. edges with a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor. from which:

The SE. cor. of an adobe house bears N. 25° 15' W.
3.44 chs.

A 9 in. mesquite scribed T. 22 S R 19 E S 6 B T,
bears S. 30° 00' E. 117 lks.

A 6 in. mesquite scribed T 22 S R 19 E S 6 B T,
bears S. 17° 30' W. 241 lks.

39.97 I fall 19 lks. S. of 1/4 cor. to sec. 1, T. 22 S., R. 18 E. which is a quartzite stone 18 x 10 x 7 ins. above ground marked and witnessed as described by the Surveyor General.

40.11 I fall 19 lks. S. of 1/4 cor. to sec. 36, T. 21 S., R. 18 E., which is a standard iron post with brass cap marked and witnessed as required by the Surveyor General.

Return course S. 89° 44' E.

Thence S. 89° 44' E.

On a true line from 1/4 cor. to sec. 36, heretofore described.

0.14 To 1/4 cor. to sec. 1, heretofore described.

40.11 Cor. to Ts. 21 and 22 S., Rs. 18 and 19 E. heretofore described.

Thence North.

On a random line from cor. to Ts. 21 and 22 S., Rs. 18 and 19 E.

40.06 I fall 1 lk. W. of the 1/4 cor. to sec. 31, T. 21 S., R. 19 E. which is a quartzite stone 12 x 12 x 8 ins. above

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STATE OF ARIZONA.

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ground, marked and witnessed as described by the Surveyor General.

42.19 I fall 1 lk. W. of the 1/4 cor. to sec. 36, T. 21 S., R. 18 E. which is an iron post with brass cap marked and witnessed as required by the Surveyor General.

Return course S. 0° 01' W.

BOUNDARIES.

Cor. No. 1.

I adopt cor. to secs. 1, 6, 31 and 36, Ts. 21 and 22 S., Rs. 18 and 19 E. marked and witnessed as heretofore described as cor. No. 1 of this survey and set a W. C. 1 lk. N. of true cor. as follows: I chisel (+) on a stone 4 x 4 x 3 ins., and deposit it 16 ins. in the ground, over which I set a limestone 26 x 12 x 8 ins. 16 ins. in the ground, chiseled (+) at the point and W C - 1 - H E S 288 on the N. face with a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor. from which:

A 5 in. mesquit scribed W C 1 H E S 288 + B T, bears S. 23° 04' E. 18 lks.

A 5 in. mesquit scribed W C 1 H E S 288 + B T, bears S. 72° 00' E. 64 lks.

Thence N. 89° 44' W.

Along N. bdy. sec. 1, T. 22 S., R. 18 E. Descend W. slope 20 ft. in scattering undergrowth.

9.40 Canille-Fort Huachuca wagon road bears ENE. and WSW.

13.20 Wire fence bears WSW. and ENE.

21.55 Wire fence bears N. and S.

22.63 To cor. No. 2, and a C. C. on line between secs. 1 and 36, Ts. 21 and 22 S., R. 18 E.

At which point, I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 17 ins. in the ground; over which I set

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STATE OF ARIZONA.

Chains

a porphyry stone 27 x 12 x 6 ins., 17 ins. in the ground, chiseled (+) at the point, C C on the SE. face and 2 - H E S 288 on the NE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. 34° 55' W. of cor. from which:

A 9 in. black oak scribed 2 H E S 288 + B T, bears S. 21° 50' W. 87 lks.

A 5 in. mesquit scribed 2 H E S 288 + B T, bears N. 24° 50' W. 95 lks.

1/4 cor. to sec. 1 bears N. 89° 44' W. 17.34 chs.

1/4 cor. to sec. 36 bears N. 89° 44' W. 17.48 chs.

Cor. H-6 of List 1378, which is a granite stone 10 x 6 x 4 ins. above ground marked and witnessed as described by the Forest Service bears S. 34° 55' E. 91 lks. from cor. No. 2 of this survey. I destroy all trace of this list cor.

Thence N. 34° 55' W.

Descend NW. slope 10 ft. in open.

0.99 Creek, 4 lks. wide, banks 4 ft. high, course W. Ascend SW. slope 10 ft. in open.

3.91 To cor. No. 3.

Identical with cor. H-5 of List 1378, which is a limestone 12 x 8 x 3 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor.

H-5 and its witnesses; and, for cor. No. 3 of this survey, 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 9 x 8 ins., 16 ins. in the ground; chiseled (+) at the point and 3 - H E S 288 on the E. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor. from which:

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Chains

A 7 in. white oak, scribed 3 H E S 288 + B T,
bears N. 77° 04' E. 131 lks.

A 7 in. black oak, scribed 3 H E S 288 + B T,
bears S. 73° 55' E. 101 lks.

Thence N. 82° 38' E.

Ascend SW. slope 15 ft. in open.

0.60 Wire fence bears N. and S.

15.80 To cor. No. 4.

Identical with cor. H-4 of List 1378, which is a granite stone 12 x 6 x 5 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-4 and its witnesses; and, for cor. No. 4 of this survey, I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 17 ins. in the ground; over which I set a limestone 27 x 10 x 9 ins., 17 ins. in the ground; chiseled (+) at the point and 4 H E S 288 on the S. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor. from which:

A 5 in. mesquit, scribed 4 H E S 288 + B T,
bears N. 47° 05' E. 369 lks.

No other bearings available. Pits impracticable.

December 15, 1914.

December 16, 1914.

Thence N. 53° 13' E.

Ascend open S. slope 10 ft.

11.52 To cor. No. 5, and a C. C. on line between secs. 31 and 36, T. 21 S., Rs. 18 and 19 E.

At which point, I chisel (+) on a stone 3 x 3 x 2 ins. and deposit it 15 ins. in the ground; over which I set

Chains

a porphyry stone 25 x 9, x 8 ins., 15 ins. in the ground; chiseled (+) at the point, C C on the SW. face, and 5 - H E S 288 on the SE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor. from which:

A 5 in. mesquit scribed 5 H E S 288 + B T,

bears S. 71° 00' W. 53 lks.

Cor. to Ts. 21 and 22 S., Rs. 18 and 19 E. bears

S. 0° 01' W. 12.27 chs.

1/4 cor. to sec. 31, T. 21 S., R. 19 E. bears

N. 0° 01' E. 27.79 chs.

Thence N. 53° 13' E.

Ascend open S. slope 5 ft.

3.14 To cor. No. 6.

Identical with cor. H-5 of List 3-3167, which is a

limestone 8 x 7 x 4 ins. above ground marked and

witnessed as described by the Forest Service. I des-

troy cor. H-5 and its witnesses; and, for cor. No. 6

of this survey, I chisel (+) on a stone 3 x 3 x 2 ins.,

and deposit it 14 ins. in the ground; over which I set

a limestone 24 x 12 x 10 ins., 14 ins. in the ground;

chiseled (+) at the point and 6 - H E S 288 on the SE.

face and raise a mound of stone 2 ft. base, 1-1/2 ft.

high, SE. of cor. from which:

A 4 in. mesquit scribed 6 H E S 288 + B T, bears

S. 11° 26' E. 185 lks.

No other witnesses available. Pits impracticable.

Thence N. 0° 36' E.

Leave List 1378 and enter List 3-3167. Over rolling

open ground.

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Chains 5.00	Descend NE. slope 5 ft.
9.95	Arroyo, 5 lks. wide, banks 2 ft. high, course NW. Continue along SW. slope.
13.10	Ridge, bears NW. and SE. Descend NE. slope 30 ft.
16.70	Arroyo, 5 lks. wide, banks 2 ft. high, course NW. Ascend SW. slope 25 ft.
29.70	To cor. No. 7. Identical with cor. H-4 of List 3-3167, which is a limestone 8 x 6 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-4 and its witnesses; and, for cor. No. 7 of this survey, I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 14 ins. in the ground; over which I set a limestone 24 x 10 x 9 ins., 14 ins. in the ground; chiseled (+) at the point, 7 - H E S 288 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., from which: A 7 in. white oak, scribed 7 H E S 288 + B T, bears N. 4° 09' W., 363 lks. No other bearings available. Pits impracticable.
	Thence N. 89° 06' E. Descend NE. slope 30 ft. in open.
13.96	Arroyo, 30 lks. wide, banks 2 ft. high, course N. Ascend NW. slope 10 ft.
16.00	Ridge bears N. and S. Descend NE. slope 20 ft.
22.25	Arroyo, 40 lks. wide, banks 4 ft. high, course N. Ascend NW. slope 20 ft.
34.63	To cor. No. 8. Identical with cor. H-3 of List 3-3167, which is a granite stone 8 x 6 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-3 and its witnesses; and, for cor. No. 8

Chains of this survey, I chisel (+) on a stone 4 x 3 x 3 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, 8 - H E S 288 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which:

A 7 in. black oak, scribed 8 H E S 288 + B T,
bears S. 78° 45' W., 447 lks.

No other witnesses available. Pits impracticable.

Note: Cor. is under fence, which bears N. 29° 03' W.
and S. 29° 03' E.

Thence S. 29° 03' E.

Open land along fence.

8.02 To cor. No. 9.

Identical with cor. H-2 of List 3-3167, which is a 12 in. black oak, marked and witnessed as described by the Forest Service. I destroy cor. H-2 and its witnesses; and, for cor. No. 9 of this survey, I scribe 9 - H E S 288 in a blaze on the SW. side of the same tree; and raise a mound of stone 2 ft. base, 1-1/2 ft.

high, SW. of cor., from which:

A 6 in. black oak, scribed 9 H E S 288 + B T,
bears S. 47° 35' W., 81 lks.

No other bearings available. Pits impracticable.

Note: Cor. on line offence, which bears N. 29° 03' W.
and S. 29° 03' E.

Thence S. 19° 52' W.

Descend SW. slope 5 ft. in open.

7.40 Arroyo, 30 lks. wide, banks 4 ft. high, course NW.

Ascend rolling NE. slope 25 ft.

20.90 Ridge, bears NE. and SW. Ascend gentle N. slope 10 ft.

25.30 Fence, bears E. and W.

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T. 2 CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

31.80 Canille-Fort Huachuca wagon road bears E. and W.
37.83 To cor. No. 10.

Identical with cor. H-1 of lists 1378 and 3-3167,
which is an imbedded limestone 10 x 2 x 1-1/2 ft.
above ground marked and witnessed as described by the
Forest Service. I destroy cor. H-1 and its witnesses;
and, for cor. No. 10 of this survey, I chisel (+) at
the point and 10 - H E S 288 on the NW. face of the
same stone and raise a mound of stone 2 ft. base, 1-1/2
ft. high, SE. of cor. from which:

A 9 in. black oak, scribed 10 H E S 288 + B T,
bears N. 10° 00' W. 129 lks.

A 9 in. white oak, scribed 10 H E S 288 + B T,
bears S. 86° 04' W. 110 lks.

Note: It was impracticable to place mound within claim.

Thence S. 86° 19' W.

Descend W. slope 20 ft.

0.50 Arroyo 20 lks. wide, banks 3 ft. high, course N. Ascend
E. slope 25 ft.

5.50 Ridge bears N. and S. Descend rolling N. slope 15 ft.

14.80 Canille-Fort Huachuca road bears ENE. and WSW.

20.20 Road bears WNW. and ESE.

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

AREA.

In sec. 36- - - - - 14.42 acres.

In sec. 31- - - - - 145.12 acres.

Total- - - - - 159.54 acres.

IMPROVEMENTS.

An adobe house 36 x 24 ft., the long side extending E.
and W. and the SE. cor. of which bears N. 58° 30' W.

Chains

8.10 chs. from cor. No. 10 of this survey.

Estimated value - - - - - \$1200.00

An iron water tank 16 x 12 ft., the long side extending

N. and S., and the SE. cor. of which bears N. 56° 50' W.

12.00 chs. from cor. No. 10 of this survey.

Estimated value - - - - - \$ 200.00

An adobe stable 48 x 40 ft., the long side extending N.

and S. and the SE. cor. of which bears N. 57° 35' W.

13.50 chs. from cor. No. 10 of this survey.

Estimated value - - - - - \$1000.00

A reservoir embankment, 10 ft. high, the SE. cor. of

which bears N. 81° 00' W. 10.00 chs. from cor. No. 10

of this survey. Embankment extends NNE. 3.00 chs. and

thence WNW. 2.50 chs. Supplied from springs in bottom

of reservoir. Estimated capacity 6 acre ft.

Estimated value of improvement - \$ 100.00

A reservoir embankment 250 ft. long and 12 ft. high, at

a point S. 88° 00' E. 4.00 chs. from cor. No. 4 of this

survey; extending thence N. 40° 00' W. 2.00 chs. and S.

40° 00' E. 2.00 chs. Estimated capacity 4 acre ft.

Estimated value of improvement - \$ 125.00

An adobe dwelling 28 x 14 ft., the long side extending

E. and W. and the SE. cor. of which bears N. 25° 15' W.

3.44 chs. from cor. No. 1 of this survey.

Estimated value - - - - - \$ 100.00

Approximately 3 miles of fencing.

Estimated value - - - - - \$ 300.00

Approximately 3 acres of 15 year old apple orchard.

Approximately 10 acres of cultivated land not including
orchard.

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DESCRIPTION.

This claim is situated on the NW. slope of the Huachuca Mountains at an elevation of approximately 5200 ft.

Land is well adapted to stock raising and intensive farming.

There is no timber in this section. A few oak trees are scattered over this area.

Water for all purposes is obtained from natural springs and a reservoir built to impound it.

The soil is a dark loam and fertile. Good crops of apples, grains, corn, sorghums, etc. have been produced.

This section is of limestone formation and some mining operations have been conducted approximately 1 mile in a SE. direction. No townsites, mining, coal, or oil claims are known to have been located in immediate vicinity of this claim. There is also an unexplored limestone cave approximately 1 mile SE. of this homestead.

Canille postoffice is 4 miles by wagon road in a westerly direction and Fort Huachuca railway station is 8 miles in an easterly direction.

There are no conflicts or adjoining claims.

TRAVERSE IN SEC. 36.

Cor.	Course.	Dist.	N.	S.	E.	W.	
1-2	N. 89° 44' W.	22.63	0.11 ✓			22.63 ✓	
2-3	N. 34° 55' W.	3.91	3.21 ✓			2.24 ✓	
3-4	N. 82° 38' E.	15.80	2.03 ✓		15.67 ✓		
4-5	N. 53° 13' E.	11.52	6.90 ✓		9.23 ✓		
5-1	S. 0° 01' W.	12.27		12.27		0.00	
			66.13	12.25	12.27	24.90	24.87
					12.25	24.87	
Error in lat. and dep.				0.02	0.03		

Closing error 1:1834 ✓

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Chains

IN SEC. 31.

Cor.	Course.	Dist.	N.	S.	E.	W.	
1-5	N. 0° 01' E.	12.27	12.27				
5-6	N. 53° 13' E.	3.14	1.88		2.51		
6-7	N. 0° 36' E.	29.70	29.70		0.31		
7-8	N. 89° 06' E.	34.63	0.54		34.63		
8-9	S. 29° 03' E.	8.02		7.01	3.89		
9-10	S. 19° 52' W.	37.83		35.58		12.86	
10-1	S. 86° 19' W.	28.53		1.83		28.47	
			154.12	44.39	44.42	41.34	41.33
Error in lat. and dep.				44.39	41.33		
				0.03	0.01		

Closing error 1:4874

Survey completed December 16, 1914.

Walter J. Purley
 Surveyor-Forest Service.

TRAVELER IN SEC. 31.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 89° 44' W.	26.32	11.0			
2-3	N. 84° 53' W.	19.3	19.3			
3-4	N. 83° 38' W.	13.80	13.80			
4-5	N. 73° 13' W.	11.32	10.90			
5-1	S. 0° 10' W.	13.27		13.27		
			60.13	13.27	39.31	31.66
Error in lat. and dep.				13.27	34.87	
				0.03	0.03	

Closing error 1:1834

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. 288, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 36 1-2	N. 89° 44' W.	22.63	0 11			22 63	27 12	3 25	
2-3	N. 34° 55' W.	3.91	3 21			2 24	2 24	7 19	
3-4	N. 82° 38' E.	15.80	2 03		6	15 67	15 66	31 95	
4-5	N. 53° 13' E.	11.52	6 90			9 23	40 55	279 80	
5-1	S. 0° 01' W.	12.27		12 27		0 00	49 77		610 68
		66.13	12 25	12 27	24 90	24 87		322 19	610 68
			12 27	12 27	24 89	24 89		322 19	322 19
	Closing error 1:1834							Area	288 49
Sec. 31 1-5	N. 0° 01' E.	12.27	12 27				0 00		
5-6	N. 53° 13' E.	3.14	1 88			2 51	2 51	4 72	
6-7	N. 0° 36' E.	29.70	29 70			0 31	5 33	158 35	
7-8	N. 89° 06' E.	34.63	0 54			34 63	40 27	22 15	
8-9	S. 29° 03' E.	8.02		7 01		3 89	78 79		552 32
9-10	S. 19° 52' W.	37.83		35 58			69 81		2483 14
10-1	S. 86° 19' W.	28.53		1 83		28 47	28 47		52 10
		154.12	44 39	44 42	41 34	41 33		185 22	3087 56
			44 41	44 41	41 34	41 34			185 22
	Closing error 1:4874							Area	2902 34
								Area	145 12

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona ~~JUL 12 1917~~, 191

The foregoing field notes of Homestead Entry Survey No.

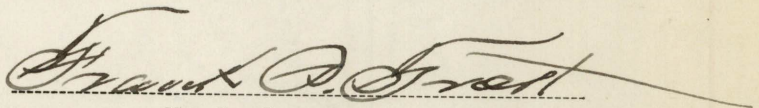
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executed by

Walter G. Tusley, Surveyor,

[Forest Service Title.]

under his special instructions, dated *October 17*, 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.