

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Oct 5-1917

NOV 1-1915

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 143

SITUATED IN THE

TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 15, --- surveyed, Township 9 N, Range 13 E

Section 16, --- surveyed, Township 9 N, Range 13 E

of the

Gila and Salt River Base and Meridian.

ARIZONA

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

Under special instructions dated July 21, 1914

Survey commenced September 2, 1914

Survey completed September 5, 1914

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

Applicant for listing Benjamin H. Peveler,

Residence Young, Arizona.

Application No. 265, dated April 17, 1911

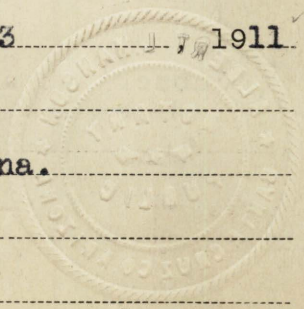
List No. 3-1289, dated May 13, 1911

Applicant for survey Benjamin H. Peveler,

Residence Young, Arizona.

H. E. No 016540, dated February 13, 1912.

Land district Phoenix, Arizona.



X

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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. 143, in
-- surveyed Section 15, Township 9 N, Range 13 E,
-- surveyed Section 16, Township 9 N, Range 13 E,

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 sur-
veyor.

Charles D. Hodson Chainman
Charles D. Brauch Chainman

Subscribed and sworn to before me this 10th day of
October, 1914.

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
July 21, 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. 3-1289, dated May 13, 1911, for Patent
June 11, 1906,
the same to be known as Homestead Entry Survey No. 143,
situated within the Tonto National Forest, in
-- surveyed Section 15, Township 9 N, Range 13 E, and
-- surveyed Section 16, Township 9 N, Range 13 E,

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 4th day of
my Commission expires July 1, 1916
December, 1914.

Albert L. Hanson
Notary Public



TONTONATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Benjamin H. Peveler; Application No. 265, dated April 17, 1911; List No. 3-1289, dated May 13, 1911; Homestead Entry No. 016540; made in the Phoenix Land Office on February 13, 1912 by Benjamin H. Peveler, whose postoffice address is Young, Arizona. Surveyed under Acts June 11, 1906, and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated July 21, 1914, and designated as Homestead Entry Survey No. 143. Situated in secs. 15 and 16, T. 9 N., R. 13 E., Gila and Salt River Base and Meridian, within the Tonto National Forest, Arizona.

Survey commenced September 2, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with a 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 transits 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 verniers of which read 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.

Chains September 2, 1914. I set up my transit over the 1/4 sec. corner to secs. 16 and 21, T. 9 N., R. 13 E. which is a granite stone, 8 x 8 x 7 ins. above ground, marked and witnessed as described by the Surveyor General; and, with the telescope direct, I observe Polaris in accordance with instructions at 7h. 20m. p.m., l.m.t., and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chains N. of my station, in Lat. 34° 06', 57". Long. 111° 01' 09" W.

Astron. l.m.t., obsn. Sept. 1, 1914 31h. 20.0m.
 Astron. l.m.t., U.C. Pol. Sept. 1, 1914, 14h. 46.6m.
 Hour angle Pol. at obsn. 16h. 33.4m.

Time Argument 23h. 56.1m.
 Azimuth Pol. at obsn., 1° 17' 30" E. 7h. 22.7m.

With my transit set up over corner the 1/4 corner to secs. 16 and 21 heretofore described, and the telescope reversed in altitude and azimuth, at 7h. 32m. 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 chains N. of my station.

Astron. l.m.t., obsn. Sept. 1, 1914 31h. 32.0m.
 Astron. l.m.t., U.C. Pol. Sept. 1, 1914 14h. 46.6m.
 Hour angle Pol. at obsn. 16h. 45.4m.
 Time Argument 23h. 56.1m.
 Azimuth of Pol. at obsn. 1° 19' 00" E. 7h. 10.7m.

September 2, 1914.

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Chains

September 3, 1914.

I turn off $1^{\circ} 17\frac{1}{2}'$, the azimuth of Polaris, to the W. from her direction at 7 h. 20 m. p.m., l.m.t., September 2, 1914; and mark 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 $1^{\circ} 19'$, the azimuth of Polaris, to the W. from her direction at 7 h. 32 m. p.m. l.m.t. September 2, 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 $0^{\circ} 00' 44''$ 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.

Lat. $34^{\circ} 06' 57''$ N. and Long $111^{\circ} 01' 09''$ W. at corner No. 1. of this survey taken from the Special Instructions of the Surveyor General.

I observe the magnetic declination at corner No. 1 to be $15^{\circ} 00'$ E. at corner No. 1. on September 4, 1914, at 3 h. 00 m. p.m. l.m.t., which reduced gives a mean magnetic declination of $15^{\circ} 01'$ E.

Retracement.

Preliminary to the survey of this claim, I retrace the public land lines, and locate the legal subdivisions as follows:

Corner to secs. 15, 16, 21, and 22 which is a granite stone 10 x 8 x 6 ins. above ground marked and witnessed as described by the Surveyor General.

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Chains	<p>Thence North.</p> <p>On a random.</p> <p>40.02 To the 1/4 sec. corner to secs. 15 and 16 which is an imbedded basalt stone 5 x 4 x 2 ft. above ground marked and witnessed as described by the Surveyor General.</p> <p>Thence South.</p> <p>On a true line, I mark the 10.00$\frac{1}{2}$, 15.01, 20.01 and 30.01$\frac{1}{2}$ chain points.</p>
	<p>Thence East.</p> <p>On a random line through sec. 15, from the 1/4 sec. corner to secs. 15 and 16 heretofore described.</p> <p>79.98 Intersect the sec. line between secs. 14 and 15 at a point 2 lks. N. of the 1/4 sec. corner which is an imbedded quartz stone 30 x 24 x 6 ins. above ground marked and witnessed as described by the Surveyor General.</p> <p>Return course N. 89° 59' W.</p>
	<p>Thence South.</p> <p>On a random line through sec. 15 from the 1/4 sec. corner to secs. 10 and 15, which is a quartz stone 6 x 6 x 6 ins. above ground marked and witnessed as described by the Surveyor General.</p> <p>80.09 Intersect the sec. line between secs. 15 and 22 at a point 16 lks. W. of the 1/4 sec. corner which is a sandstone 8 x 6 x 6 ins. above ground marked and witnessed as described by the Surveyor General.</p> <p>Thence N. 0° 07' W. on a true line, I mark the 10.01, 20.02, 30.03, and 40.04 chain points.</p> <p>Center of sec. 15 is a point from which the 1/4 sec. corner to secs. 15 and 16 heretofore described bears N. 89° 59' W. 40.02 chains distant; the 1/4 sec. corner to secs. 14 and 15 heretofore described bears S. 89° 59' E. 39.96 chains distant; the 1/4 sec. corner to secs. 10 and 15 heretofore described bears N. 0° 07' W. 40.05 chs.</p>

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Chains	<p>distant and the 1/4 sec. corner to secs. 15 and 22 here- tofore described bears S. 0° 07' E. 40.04 chains distant. Thence N. 89° 59' W.</p> <p>On a true line from point for center of sec. 15, I mark the 10.00 and 20.01 chain points.</p>
	<p>Thence East.</p> <p>On a random from corner to secs. 15, 16, 21 and 22 here- tofore described.</p>
40.10	<p>I fall 2 links S. of the 1/4 sec. corner to secs. 15 and 22 which is a sandstone 8 x 6 x 6 ins. above ground marked and witnessed as described by the Surveyor Gener- al.</p> <p>Thence S. 89° 58' W.</p> <p>On a true line, I mark the 10.02, 20.05, and 30.07 chain points.</p>
	<p>Thence East.</p> <p>On a random line, from point for NW. corner SW/4 SW/4 sec. 15.</p>
40.06	<p>Intersect point for SE. corner NE/4 SW/4 sec. 15.</p> <p>Thence West.</p> <p>On a true line, I mark the 10.01, 15.02, 20.03 and 30.04 chain points.</p>
	<p>Thence N. 0° 03' W.</p> <p>On a random from point for SW. corner SE/4 SW/4 sec. 15.</p>
40.03	<p>Intersect point for NE. corner NW/4 SW/4 sec. 15.</p> <p>Thence S. 0° 03' E.</p> <p>On a true line, I mark the 10.01, 15.01, 20.01, 25.02 and 30.02 chain points.</p>
	<p>Thence West.</p> <p>On a random from point for SE. corner, NE/4NE/4SW/4sec.15.</p>
20.02	<p>To point for SW. corner NW/4 NE/4 SW/4 sec. 15.</p>

20.05

Chains	Thence East. On a true line, I mark the 5.01 and 10.01 chain points.
	Thence N. 0° 05' W. On a random from point for SW. corner SE/4 NE/4 SW/4 sec. 15.
20.02	To point for NW. corner NE/4 NE/4 SW/4 sec. 15. Thence S. 0° 05' E. On a true line, I mark the 10.01 and 15.02 chain points.
	Thence N. 0° 04' W. On a random line, from point for SW. corner SE/4 SW/4 NE/4 SW/4 sec. 15.
10.01	To point for NW. corner NE/4 SW/4 NE/4 SW/4 sec. 15. Thence S. 0° 04' E. On a true line I mark the 5.00 chain point.
	Thence West. From point for NE. corner SE/4 SW/4 NE/4 SW/4 sec. 15.
10.01	To point for NW. corner SW/4 SW/4 NE/4 SW/4 sec. 15. Thence East. On a true line, I mark the 5.01 chain point.
	Thence West. From point for SE. corner NE/4 SE/4 SW/4 sec. 15.
20.04	To point for NW. corner SW/4 SE/4 SW/4 sec. 15. Thence East. On a true line, I mark the 10.02 chain point.
	Thence N. 0° 05' W. From point for SW. corner SE/4 SE/4 SW/4 sec. 15.
20.02	To point for NW. corner NE/4 SE/4 SW/4 sec. 15. Thence S. 0° 05' E. On a true line, I mark the 5.01 and 10.01 chain points.

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Chains Thence West.
 From point for SE. corner NE/4 NW/4 SE/4 SW/4 sec. 15.
 10.02 To point for NW. corner SW/4 NW/4 SE/4 SW/4 sec. 15.
 Thence East.
 On a true line, I mark the 5.01 chain point.

Thence N. 0° 04' W.
 From point for SW. corner SE/4 NW/4 SE/4 SW/4 sec. 15.
 10.01 To point for NW. corner NE/4 NW/4 SE/4 SW/4 sec. 15.
 Thence S. 0° 04' E.
 On a true line I mark the 5.00-1/2 chain point.

Thence N. 0° 02' W.
 From point for SW. corner SE/4 SW/4 SW/4 sec. 15.
 20.01 To point for NW. corner NE/4 SW/4 SW/4 sec. 15.
 Thence S. 0° 02' E.
 On a true line, I mark the 5.00 and 10.00 chain points.

Thence East.
 From point for NW. corner SW/4 SW/4 SW/4 sec. 15.
 20.04 To point for NE. corner SE/4 SW/4 SW/4 sec. 15.
 Thence West.
 On a true line, I mark the 10.02 chain point.

Thence West.
 From point for NE. corner SE/4 NE/4 SW/4 SW/4 sec. 15.
 10.02 To point for NW. corner SW/4 NE/4 SW/4 SW/4 sec. 15.
 Return course East.

Thence West.
 From point for NW. corner SW/4 NE/4 SW/4 sec. 15.
 20.02 To point for SW. corner NW/4 NW/4 SW/4 sec. 15.
 Return course East.

Chains Thence West.

From point for SE. corner NE/4 SE/4 NW/4 SW/4 sec. 15.
20.02½ To point for SW. corner NW/4 SW/4. NW/4 SW/4 sec. 15.
Return course East.

Thence West.

On a random from the corner to secs. 15, 16, 21 and 22,
heretofore described.
40.04 I fall 10-1/2 lks. N. of the 1/4 sec. corner to secs. 16
and 21 which is a granite stone 8 x 8 x 5 ins. above
ground chiseled 1/4 on the N. face with a mound of stone
2 ft. base, 1-1/2 ft. high, N. of corner from which
A 9 in. juniper scribed 1/4 S. 16. B. T. bears
N. 15° 45' E. 96 lks.
Return course N. 89° 51' E.
I mark the 20.02 and 30.03 chain points.

Thence West.

On a random from the 1/4 sec. corner to secs. 16 and 21,
heretofore described.
40.14 Intersect the sec. line 10-1/2 lks. S. of the corner to
secs. 16, 17, 20 and 21 which is a granite stone 10 x 8
x 6 ins. above ground marked and witnessed as described
by the Surveyor General.
Return course S. 89° 51' E.
I mark the 20.07 and 30.10 chain points.

Thence North.

On a random from the corner to secs. 16, 17, 20 and 21
heretofore described.
39.97 I fall 1 lk. E. of the 1/4 sec. corner to secs. 16 and 17
which is a quartz stone 8 x 6 x 5 ins. above ground mark-
ed and witnessed as described by the Surveyor General.
Return course S. 0° 01' E.
I mark the 19.99 chain point.

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Chains Thence East.

On a random from the 1/4 sec. corner to secs. 16 and 17 heretofore described.

80.14 I fall 2 lks. S. of the 1/4 sec. corner to secs. 15 and 16 heretofore described.

Return course S. 89° 59' W.

Thence South.

On a random from the 1/4 sec. corner to secs. 9 and 16 which is a quartz stone 8 x 8 x 6 ins. above ground marked and witnessed as described by the Surveyor General.

80.13 I fall 14 lks. W. of the 1/4 sec. corner to secs. 16 and 21 heretofore described.

Thence N. 0° 06' W.

On a true line from the 1/4 sec. corner to secs. 16 and 21. I mark the 5.01½, 10.03, 20.06½, 30.10, 35.11½ and 40.13 chain points.

Center of sec. 16 is a point from which

The 1/4 sec. corner to secs. 9 and 16 heretofore described bears N. 0° 06' W. 40.00 chains distant.

The 1/4 sec. corner to secs. 16 and 17 heretofore described bears S. 89° 59' W. 40.04 chains distant.

The 1/4 sec. corner to secs. 16 and 21 heretofore described bears S. 0° 06' E. 40.13 chains distant.

The 1/4 sec. corner to secs. 15 and 16 heretofore described bears N. 89° 59' E. 40.10 chains distant.

Thence S. 89° 59' W.

On a true line from the 1/4 sec. corner to secs. 15 and 16 heretofore described. I mark the 10.02½, 15.04, 20.05, 40.10, 45.10½, 50.11 and 60.12 chain points.

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Chains

Thence S. 89° 55' W.

From point for SE. corner NE/4 SE/4 sec. 16.

40.07 To point for SW. corner NW/4 SE/4 sec. 16.

Note: After running the N. and S. median, I return this line as follows:

Thence N. 89° 55' E.

On a true line I mark the 20.03 and 30.05 chain points.

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September 4, 1914.

Thence N. 0° 03' W.

From point for SW. corner SE/4 SE/4 sec. 16.

40.07½ Intersect point for NE. corner NW/4 SE/4 sec. 16.

Thence S. 0° 03' E.

On a true line I mark the 5.01, 10.02, 20.04, 30.06 and 35.07 chain points.

Thence N. 0° 01' W.

From point for SW. corner SE/4 NE/4 SE/4 sec. 16.

20.02 To point for NW. corner NE/4 NE/4 SE/4 sec. 16.

Thence S. 0° 01' E.

On a true line I mark the 5.00 and 10.01 chain points.

Note: This line was returned after the other median was run.

Thence S. 89° 57' W.

From point for NE. corner SE/4 NE/4 SE/4 sec. 16.

20.04 To point for NW. corner SW/4 NE/4 SE/4 sec. 16.

Thence N. 89° 57' E.

On a true line I mark the 5.01 and 10.02 chain points.

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Chains	<p>Thence N. 0° 02' W.</p> <p>From point for SW. corner SE/4 NW/4 NE/4 SE/4 sec. 16.</p> <p>10.02 To point for NW. corner NE/4 NW/4 NE/4 SE/4 sec. 16.</p> <p>Thence S. 0° 02' E.</p> <p>On a true line I mark the 5.01 chain point.</p> <p>Note: This line was returned after the other median was run.</p>
10.02	<p>Thence S. 89° 58' W.</p> <p>From point for SE. corner NE/4 NW/4 NE/4 SE/4 sec. 16.</p> <p>To point for NW. corner SW/4 NW/4 NE/4 SE/4 sec. 16.</p> <p>Thence N. 89° 58' E.</p> <p>On a true line, I mark the 5.01 chain point.</p>
20.02	<p>Thence S. 0° 01' E.</p> <p>From point for NE. corner NW/4 SE/4 SE/4 sec. 16.</p> <p>To point for SW. corner SE/4 SE/4 SE/4 sec. 16.</p> <p>Thence N. 0° 01' W.</p> <p>On a true line I mark the 5.00 and 10.01 chain points.</p> <p>Note: This line was returned after the other median was run.</p>
20.02 ¹ / ₂	<p>Thence S. 89° 53' W.</p> <p>From point for SE. corner NE/4 SE/4 SE/4 sec. 16.</p> <p>To point for SW. corner NW/4 SE/4 SE/4 sec. 16.</p> <p>Thence N. 89° 53' E.</p> <p>On a true line I mark the 10.01 chain point.</p>
10.01	<p>Thence S. 89° 52' W.</p> <p>From point for SE. corner NE/4 SW/4 SE/4 SE/4 sec. 16.</p> <p>To point for SW. corner NW/4 SW/4 SE/4 SE/4 sec. 16.</p> <p>Return course N. 89° 52' E.</p>

Chains Thence S. 89° 52' W.
From point for SE. corner NE/4 SE/4 SW/4 SE/4 sec. 16.
20.02 To point for NW. corner SW/4 SW/4 SW/4 SE/4 sec. 16.
Return course N. 89° 52' E.

Thence S. 89° 58' W.
From point for NW. corner SW/4 NW/4 NE/4 SE/4 sec. 16.
20.04½ To point for SE. corner NE/4 NE/4 NE/4 SW/4 sec. 16.
Return course N. 89° 58' E.

Thence N. 0° 03' W.
From point for SE. corner SW/4 SW/4 sec. 16.
40.05 To point for corner NW/4 SW/4 sec. 16.
Thence S. 0° 03' E.
On a true line, I mark the 10.01, 20.02 and 30.04 chain points.
Note: This line was returned after the other median was run.

Thence N. 89° 56' W.
From point for SE. corner NE/4 SW/4 sec. 16.
40.09 To point for NW. corner SW/4 SW/4 sec. 16.
Thence S. 89° 56' E.
On a true line I mark the 20.04, 30.07 and 35.08 chain points.

Thence N. 0° 05' W.
From point for SE. corner SW/4 NE/4 SW/4 sec. 16.
20.04½ To point for NE. corner NW/4 NE/4 SW/4 sec. 16.
Thence S. 0° 05' E.
On a true line I mark the 5.01 and 10.02½ chain points.
Note; This line was returned after the other median was run.

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Chains Thence N. $89^{\circ} 59' W.$
 From point for SE. corner NE/4 NE/4 SW/4 sec. 16.
 20.03 To point for SW. corner NW/4 NE/4 SW/4 sec. 16.
 Thence S. $89^{\circ} 59' E.$
 On a true line I mark the 10.01 and 15.02 chain points.

Thence N. $0^{\circ} 05' W.$
 From point for SW. corner SE/4 NE/4 NE/4 SW/4 sec. 16.
 10.02 $\frac{1}{2}$ To point for NW. corner NE/4 NE/4 NE/4 SW/4 sec. 16.
 Thence S. $0^{\circ} 05' E.$
 On a true line I mark the 5.01 chain point.
 Note: This line was returned after the other median was
 run.

Thence West.
 From point for NE. corner SE/4 NE/4 NE/4 SW/4 sec. 16.
 10.01 $\frac{1}{2}$ To point for SW. corner NW/4 NE/4 NE/4 SW/4 sec. 16.
 Thence East
 On a true line I mark the 5.00-1/2 chain point.

Thence N. $0^{\circ} 05' W.$
 From point for SE. corner SW/4 SE/4 SW/4 sec. 16.
 20.04 $\frac{1}{2}$ To point for NE. corner NW/4 SE/4 SW/4 sec. 16.
 Thence S. $0^{\circ} 05' E.$
 On a true line I mark the 10.02-1/2 chain point.
 Note: This line was returned after the other median
 was run.

Thence N. $89^{\circ} 53' W.$
 From point for NE. corner SE/4 SE/4 SW/4 sec. 16.
 20.05 $\frac{1}{2}$ To point for NW. corner SW/4 SE/4 SW/4 sec. 16.
 Thence S. $89^{\circ} 53' E.$
 On a true line I mark the 10.03 and 15.04 chain points.

Chains Thence N. 0° 05' W.
From point for SE. corner SW/4 NE/4 SE/4 SW/4 sec. 16.
10.03 To point for NW. corner NE/4 NE/4 SE/4 SW/4 sec. 16.
Return course S. 0° 05' E.

Boundaries of H. E. S. 143.

Tract A.

Corner No. 1.

Identical with the 1/4 sec. corner to secs. 16 and 21
T. 9 N., R. 13 E., Gila and Salt River Base and Meridian
which is a granite stone 8 x 8 x 5 ins. above ground
marked and witnessed as heretofore described. I adopt
this corner for corner No. 1. of H. E. S. No. 143 and
establish a witness corner 1 lk. N. of the true point
as follows: I chisel (+) on a stone 4 x 3 x 2 ins.,
and deposit it 16 ins. in the ground; over which I set
a basalt stone 26 x 8 x 6 ins., 16 ins. in the ground;
chiseled (+) at the point and W C 1 H E S 143 on the
NE. face and re-establish the mound of stone 2 ft. base,
1 1/2 ft. high, N. of corner from which

A 9 in. juniper scribed W C 1 H E S 143 + B T
bears N. 16° 45' W.. 94 lks.

Pits impracticable. No other trees available.

Thence N. 89° 51' W.

Along line between secs. 16 and 21. Descend NE. slope
15 ft. in undergrowth.

6.20 Road bears NE. and SW.

6.46 Left bank Walnut Creek 70 lks. wide, banks 2 ft. high,
course SW.

7.81 Fence bears NE. and SW. Enter field in open.

10.04 To corner No. 2 and a closing corner on line between secs.
16 and 21.
Identical with point for SW. corner SE/4 SE/4 SW/4 sec.

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Chains 16 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 conglomerate stone 24 x 9 x 6 ins. 14 ins. in the ground; chiseled (+) at the point, CC on the N. face, and 2-HES 143 on the NE. face and dig pits 24 x 18 x 12 ins. crosswise on each line E. and W. 3 ft., and N. 7 ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, 3 $\frac{1}{2}$ ft. N. of corner; from which

A 10 in. walnut scribed CC 2 HES 143 + BT bears
S. 19° 00' E. 246 lks.

A 9 in. walnut scribed CC 2 HES 143 + BT bears
S. 11° 45' W. 269 lks.

Thence N. 0° 05' W.

Along the W. bdy. of the SE/4 SE/4 SW/4 sec. 16.

Ascend S. slope 10 ft. in open.

9.70 Fence bears E. and W. Leave field.

10.02 To corner No. 3.

Identical with point for NW. corner SE/4 SE/4 SW/4 sec. 16; at which point I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 14 ins. in the ground; over which I set a diabase stone 24 x 15 x 8 ins., 14 ins. in the ground; chiseled (+) at the point and 3 HES 143 on the SE. 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, SE. of corner.

Thence S. 89° 53' E.

Along N. bdy. of NW/4 SE/4 SE/4 SW/4 sec. 16. Over bottom in open.

0.30 Arroyo 20 lks. wide, banks 8 ft. high, course SSE.

5.01 To corner No. 4.

Identical with point for NE. corner NW/4 SE/4 SE/4 SW/4 sec. 16, at which point I chisel (+) on a stone 3 x 3 x 2 ins. and deposit it 14 ins. in the ground; over which

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Chains I set a quartzite stone 24 x 12 x 5 ins., 14 ins. in the ground; chiseled (+) at the point and 4 HES 143 on the SE. face and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course $3\frac{1}{2}$ ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, SE. of corner.

Thence N. $0^{\circ} 05' W.$

Along the W. bdy. $E/2$ ^{and $E/2$ $SE/4$ $NE/4$ $SW/4$} $NE/4$ $SE/4$ $SW/4$ sec. 16.

Ascend slope 10 ft. in undergrowth.

19.60 To corner No. 5.

At which point I chisel (+) on a stone 3 x 3 x 3 ins. and deposit it 16 ins. in the ground; over which I set a diabase stone 26 x 14 x 8 ins., 16 ins. in the ground; chiseled (+) at the point and 5-HES 143 on the SE. face and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 8 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, $3\frac{1}{2}$ ft. SE. of corner from which

A 9 in. juniper scribed 5 HES. 143 + BT bears
S. $47^{\circ} 00' E.$ 103 lks.

Corner No. 16 hereafter described bears

N. $0^{\circ} 05' W.$ 45 lks.

Thence N. $89^{\circ} 57' E.$

Along S. bdy. of road exception.

Descend SE. slope 5 ft. in undergrowth.

7.80 Arroyo 30 lks. wide, banks 4 ft. high, course SSE.

Ascend SW. slope 10 ft.

16.10 Enter cultivated land, bears N. and S.

29.99 To corner No. 6.

At which point I chisel (+) on a stone 4 x 4 x 2 ins.

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and deposit it 15 ins. in the ground; over which I set a basalt stone 25 x 12 x 4 ins. 15 ins. in the ground; chiseled (+) at the point and 6-HES 143 on the S. face and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, and 3-1/2 ft. S. of corner.

Thence S. 71° 38' E.

Along S. bdy. of road exception, over bottom in cultivated land.

7.40 Leave cultivated land. Bear N. and S.

9.25 Arroyo 30 lks. wide, banks 4 ft. high, course S.

15.90 To cor. No. 7.

And a closing corner on line between secs. 15 and 16.

At this 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 basalt stone 24 x 9 x 8 ins., 14 ins. in the ground; chiseled (+) at the point, CC on the ENE. face, and 7-HES 143 on the SW. face and dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 3 ft. and N. 71½° W. 7 ft. distant; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. N. 71° 30' W. of corner from which

A 12 in. oak, scribed CC 7 HES 143 + BT, bears

N. 44° 55' W. 304 lks.

Corner to secs. 15, 16, 21, and 22 heretofore described bears S. 24.53 chains distant.

1/4 sec. corner to secs. 15, and 16 heretofore described bears N. 15.49 chains distant.

Corners Nos. 23 and 24 of this survey hereinafter described bear N. 48 lks. distant.

Chains Thence S. 71° 07' E.

Leave sec. 16 and enter sec. 15, over bottom land in open.

2.00 Enter cultivated land. Bears E. and W.

18.40 Leave cultivated land. Bears N. and S.

19.50 Arroyo 30 lks. wide, banks 6 ft. high, course SW. Continue over bottom.

20.00 Road bears NE. and SW.

24.70 Corral fence bears N. and S. Enter Corral.

26.45 To Corner No. 8.

Which is also a W. C. to corner No. 9. At which point I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 16 ins. in the ground; over which I set a quartzite stone 26 x 9 x 8 ins., 16 ins. in the ground; chiseled (+) at the point, 8-HES 143 on the SW face, WC-9-HES 143 on the S. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of corner from which

A 12 in. walnut, scribed 8HES 143 and WC 9 HES 143 +BT bears N. 61° 25' E. 98 lks.

A 9 in. oak scribed 8 HES 143 and WC9 HES 143 +BT bears N. 44° 00' E. 127 lks.

Corner No. 26 of this survey hereinafter described bears N. 0° 04' E. 47 lks. distant.

Thence S. 0° 04' E.

Along the E Bdy. of the NW/4 NW/4 SE/4 SW/4 sec. 15.

Over bottom in open.

0.68 Left bank Walnut Creek, 12 ft. high, course SW. This bank serves for a corral fence.

0.98 To corner No. 9.

Identical with point for SE. corner NW/4 NW/4 SE/4 SW/4 sec. 15. This point falls in Walnut Creek.

Thence West.

From corner No. 9 which is identical with point for SE. corner NW/4 NW/4 SE/4 SW/4 sec. 15. in Walnut Creek bed.

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1.02 Right bank Walnut Creek 2 ft. high, course NW.

1.50 To W. C. No. 9.

At this 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 quartzite stone 26 x 12 x 5 ins., 16 ins. in the ground for W. C. to corner No. 9; chiseled (+) at the point and WC-9HES 143 on the NW. face and raise a mound of stone 2 ft. base, 1½ ft. high, NW. of corner from which

A 9 in. ash scribed W C 9 H E S 143 + B T bears
S. 83° 35' W. 76 lks.

A 14 in. walnut scribed W C 9 H E S 143 + B T
bears N. 2° 00' E. 81 lks.

Descend 5 ft. over bottom.

7.60 Right bank Walnut Creek 3 ft. high, course WNW.

10.60 Left bank Walnut Creek 3 ft. high, course WNW.

15.03 To corner No. 10.

Identical with point for the SW. corner NW/4 NE/4 SW/4 SW/4 sec. 15, 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 conglomerate stone 24 x 9 x 5 ins., 14 ins. in the ground; chiseled (+) at the point and 10-H E S 143 on the NW. face and raise a mound of stone 2 ft. base, 1½ ft. high, NW. of corner from which

A 5 in. walnut scribed 10 H E S 143 + B T bears
N. 80° 30' E. 10 lks.

A 6 in. oak scribed 10 H E S 143 + B T bears
N. 88° 00' W. 14 lks.

Thence S. 0° 02' E.

Along E. bdy. SE/4 NW/4 SW/4 SW/4 sec. 15.

Ascend N. slope 100 ft. in undergrowth.

Chains
5.00

To corner No. 11.

Identical with point for SE. corner NW/4 SW/4 SW/4 sec. 15 at which point I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 18 ins. in the ground; over which I set a conglomerate stone 28 x 14 x 6 ins., 18 ins. in the ground; chiseled (+) at the point and 11-HES 143 on the NW. face and raise a mound of stone 2 ft. base, 1 1/2 ft. high NW. of cor. from which

A 6 in. pinon scribed 11 H E S 143 + B T bears
N. 38° 30' E. 56 lks.

A 9 in. pinon scribed 11 H E S 143 + B T bears
N. 68° 00' W. 14 lks.

September 4, 1914.

September 5, 1914.

Thence West.

Along S. bdy. of NW/4 SW/4 SW/4 Sec. 15. Descend NE. slope 100 ft. in pinon and cedar.

10.02

To corner No. 12 and a closing corner on line between secs. 15 and 16.

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 conglomerate stone 24 x 12 x 5 ins., 14 ins. in the ground; chiseled (+) at the point, CC on the W. face, and 12 H E S 143 on the N. face; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of corner from which

A 9 in. oak scribed CC 12 H E S 143 + B T bears
N. 48° 35' W. 11 lks.

A 9 in. oak scribed CC 12 H E S 143 + B T bears
S. 84° 55' E. 27 lks.

Cor. to secs. 15, 16, 21, and 22 heretofore described bears S. 10.00 1/2 chs. 1/4 cor. to secs.

15 and 16 heretofore described bears N. 30.01 1/2 chs.

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Chains Thence S. 89° 53' W.
 Along S. bdy. NE/4 SE/4 SE/4 sec. 16.
 Desc. 5 ft. in undergrowth.

4.30 Left bank Walnut Creek, 4 ft. high, course WSW.
 5.50 Right bank Walnut Creek, 4 ft. high, course WSW.
 6.50 Wire fence bears NE. and SW.

10.01⁵ To cor. No. 13.
 Identical with point for SW. cor. NE/4 SE/4 SE/4 sec. 16.
 At which point I chisel (+) on a stone 4 x 3 x 2 ins.,
 and deposit it 17 ins. in the ground; over which I set a
 conglomerate stone 27 x 10 x 8 ins., 17 ins. in the
 ground; chiseled (+) at the point and 13-H E S 143 on the
 NW. face and raise a mound of stone 2 ft. base, 1½ ft.
 high, NW. of cor. from which
 A 9 in. cottonwood scribed 13 H E S 143 + B T bears
 N. 82° 40' E. 51 lks.
 A 15 in. juniper scribed 13 H E S 143 + B T bears
 N. 27° 00' E. 56 lks.

Thence S. 0° 01' E.
 Along E. bdy. N/2 SW/4 SE/4 SE/4 sec. 16, over bottom
 in undergrowth.

0.70 Wire fence bears E. and W.
 0.98 Right bank Walnut Creek 56 lks. wide, banks 3 ft. high,
 course E.
 5.01 To cor. No. 14.
 Identical with point for SE. cor. N/2 SW/4 SE/4 SE/4
 sec. 16 at which point I chisel (+) on a stone 4 x 4 x 2
 ins., and deposit it 16 ins. in the ground over which I
 set a conglomerate stone 26 x 9 x 8 ins., 16 ins. in
 ground; chiseled (+) at the point and 14-H E S 143 on the
 NW. face and raise a mound of stone 2 ft. base, 1½ ft.
 high, NW. of cor. from which
 A 12 in. juniper scribed 14 H E S 143 + B T bears

HOMESTEAD ENTRY SURVEY NO. 143

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Chains

N. 37° 30' E. 173 lks.

A 19 in. juniper scribed 14 H E S 143 + BT bears

N. 64° 10' E. 90 lks.

Thence S. 89° 52' W.

Along the S. bdy. N/2 SW/4 SE/4 SE/4 sec. 16.

Desc. 5 ft. over bottom in undergrowth.

28.40 Left bank Walnut Creek 3 ft. high, course SW.

29.30 Right bank Walnut Creek 3 ft. high, course SW.

30.03 To cor. No. 15.

Identical with point for NE. cor. S/2 SE/4 SE/4 SW/4 sec. 16. 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 quartzite stone 25 x 9 x 5 ins., 15 ins. in the ground; chiseled (+) at the point and 15-H E S 143 on the NW. face and raise a mound of stone 2 ft. base, 1½ ft. high, NW. of cor. from which

A 15 in. ash scribed 15 H E S 143 + B T bears

N. 37° 00' E. 49 lks.

A 10 in. walnut scribed 15 H E S 143 + B T bears

S. 75° 05' W. 102 lks.

Thence S. 0° 06' E.

Along E. bdy. S/2 SE/4 SE/4 SW/4 sec. 16, over bottom.

0.25 Right bank Walnut Creek 3 ft. high, course SW.

0.65 Left bank Walnut Creek 3 ft. high, course SW. Asc. N. slope in undergrowth 15 ft.

5.015 To cor. No. 1 the place of beginning.

Tract B.

Cor. No. 16.

Identical with point for SW. cor SE/4 NE/4 NE/4 SW/4 sec. 16, 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

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Chains a diabase stone 28 x 9 x 5 ins. 18 ins. in the ground; chiseled (+) at the point and 16-HES 143 on the NE. face and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high NE. of corner from which
A 9 in. juniper scribed 16 H E S 143 + B T bears
S. 32° 40' E. 135 lks.,
Corner No. 5 of this survey heretofore described
bears S. 0° 05' E. 45 lks.

Thence N. 0° 05' W.

Along the W. bdy. SE/4 NE/4 NE/4 SW/4 sec. 16.

Ascend SE. slope in undergrowth 10 ft.

1.31 Wire fence bears NNE. and SSW.

5.01 To corner No. 17.

Identical with point for NW. corner SE/4 NE/4 NE/4 SW/4 sec. 16, at which point, I chisel (+) on a stone 4 x 3 x 2 ins., and deposit it 15 ins. in the ground; over which I set a diabase stone 25 x 10 x 10 ins., 15 ins. in the ground; chiseled (+) at the point and 17-HES 143 on the SE. face, and raise a mound of stone 2 ft. base, 1½ ft. high, SE. of corner from which

A 32 in. juniper scribed 17 H E S 143 + B T bears

S. 88° 52' E. 270 lks.

Pits impracticable. No other witnesses available.

Thence East.

Along N. bdy. SE/4 NE/4 NE/4 SW/4 sec. 16.

Descend 10 ft. in open.

1.49 Wire fence bears N. and S.

2.90 Wire fence bears WNW, and ESE.

5.01 To corner No. 18.

Identical with point for NE. corner SE/4 NE/4 NE/4 SW/4

Chains

sec. 16. 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 10 x 8 ins., 16 ins. in the ground; chiseled (+) at the point and 18-HES 143 on the S. face, and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 3½ ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, S. of corner from which

A 30 in. juniper scribed 18 H E S 143 + B T bears N. 19° 40' E. 14 lks. distant.

A 10 in. juniper scribed 18 H E S 143 + B T bears S. 65° 30' E. 54 lks. distant.

Thence N. 89° 58' E.

Along the N. bdy. S/2 N/2 NW/4 SE/4 and SW/4 NW/4 NE/4 SE/4 sec. 16. Descend SE. slope 5 ft.

2.05 Arroyo 25 lks. wide, banks 3 ft. high, course SE.

Ascend SW. slope 10 ft.

25.055 To corner No. 19.

Identical with point for NE. corner SW/4 NW/4 NE/4 SE/4 sec. 16 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 basalt stone 26 x 9 x 6 ins., 16 ins. in the ground; chiseled (+) at the point and 19-HES 143 on the SW. face and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 8 ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, SW. of corner from which

A 7 in. juniper scribed 19 H E S 143 + B T bears N. 72° 45' W. 99 lks. distant.

A 5 in. oak scribed 19 H E S 143 + B T bears S. 47° 00' W. 114 lks. distant.

Thence S. 0° 02' E.

Along E. bdy. SW/4 NW/4 NE/4 SE/4 sec. 16.

3.31 Wire fence bears E. and W. Enter cultivated land.

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- 5.01 To corner No. 20, Tract B. also corner No. 21 Tract C.
Identical with point for SE. corner SW/4 NW/4 NE/4 SE/4 sec. 16, at which point I chisel (+) on a stone 3 x 3 x 3 ins. and deposit it 15 ins. in the ground; over which I set a basalt stone 25 x 12 x 4 ins. 15 ins. in the ground: chiseled (+) at the point, 20-HES 143 on the NW. and 21-HES 143 on the S. of E. face, and dig pits 24 x 24 x 12 ins. crosswise on a line N. and E. 7 ft. distant and W. and S. $71\frac{1}{2}^{\circ}$ W. 8 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, NW. of corner from which
A 9 in. oak scribed 20 H E S 143 and 21 H E S 143 + B T bears N. $67^{\circ} 55'$ W. 260 lks.
A 5 in. chinaberry scribed 20 H E S 143 and 21 H E S 143 + B T bears N. $30^{\circ} 10'$ W. 195 lks.
-
- Thence S. $89^{\circ} 57'$ W.
- 13.95 Leave cultivated land. Bears N. and S.
Descend SW. slope 10 ft. in undergrowth.
- 21.75 Arroyo 30 lks. wide, banks 4 ft. high, course SSE.
Ascend SE. slope 5 ft. in undergrowth.
- 30.06 To corner No. 16 the place of beginning.
-
- Tract C.
Corner No. 21.
Identical with corner No. 20 Tract B. heretofore described.
Thence N. $89^{\circ} 57'$ E.
Along S. bdy. SE/4 NW/4 NE/4 SE/4 and NE/4 NE/4 SE/4 sec. 16, over bottom in cultivated land.
- 4.04 Wire fence bears WNW. and ESE. Leave cultivated land and descend SE. slope 5 ft.

Chains

8.03 Arroyo 60 lks. wide, banks 3 ft. high, course S. Ascend SW. slope 10 ft. in open.

15.03 To corner No. 22 and a closing corner on line between secs. 15 and 16.

Identical with point for NE. corner SE/4 NE/4 SE/4 sec. 16, 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 basalt stone 24 x 10 x 6 ins. 14 ins. in the ground; chiseled (+) at the point, CC on the E. face, and 22-HES 143 on the SW. face and dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 3 ft. distant and E. 7 ft. distant, and raise a mound of earth 4 ft. base, 2 ft. high, E. of corner from which

A 5 in. oak scribed CC 22 H E S 143 + B T bears S. 47° 45' W. 198 lks.

Thence South.

Along line between secs. 15 and 16. Descend S. slope 5 ft. in open.

4.15 Wire fence bears NW. and SE. Enter field.

5.00 To corner No. 23 and Cor. No. 24, and a closing corner on line between secs. 15 and 16.

Identical with point for SE. corner N/2 SE/4 NE/4 SE/4 sec. 16. and the NW. corner S/2 S/2 NW/4 SW/4 sec. 15 at which point I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 16 ins. in the ground; over which I set a basalt stone 26 x 9 x 8 ins. 16 ins. in the ground; chiseled (+) at the point, CC on the WNW. and 23-HES 143 on the NW. face and dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 3 ft. distant, and N. 71½° W. 7 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high WNW. of corner from which

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Chains	<p>A 12 in. oak scribed C C 23 H E S 143 and C C 24 H E S 143 + B T bears N. 52° 15' W. 271 lks.</p>
	<p>Thence N. 71° 38' W. Over bottom land.</p>
6.40	Arroyo 30 lks. wide, banks 4 ft. high, course S.
8.35	Enter cultivated land, bears N. and S.
15.83	To corner No. 21 the place of beginning.
	<p>Tract D.</p> <p>Corner No. 24 and a closing corner on line between secs. 15 and 16.</p> <p>Identical with corner No. 23 of this survey which is a basalt stone 9 x 8 x 10 ins. above ground marked and witnessed as heretofore described. I chisel CC on the W. and 24-HES 143 on the S. of W. face, and dig a pit 24 x 18 x 12 ins. crosswise on line 7 ft. E. of corner and add the earth to the mound which stands 3½ ft. WNW. of corner.</p> <p>Thence East.</p> <p>Along the N. bdy. S/2 S/2 NW/4 SW/4 and SW/4 SW/4 NE/4 SW/4 sec. 15. Ascend SW. slope 20 ft. in open.</p>
1.40	Wire fence bears NW. and SE.
18.50	Spur bears N. and S. Descend SW. slope 20 ft. in undergrowth.
22.04	Arroyo 30 lks. wide, banks 3 ft. high course SW. Ascend SW. slope 20 ft. in undergrowth.
25.035	<p>To corner No. 25.</p> <p>Identical with point for NE. corner SW/4 SW/4 NE/4 SW/4 sec. 15 at which point I chisel (+) on a stone 4 x 4 x 3 ins. and deposit it 16 ins. in the ground; over which I set a basalt stone 26 x 10 x 8 ins., 16 ins. in the ground; chiseled (+) at the point and 25-HES 143 on the SW. face and raise a mound of stone 2 ft. base, 1½ ft. high, SW. of corner.</p>

Chains

Pits impracticable. No bearings available.

Thence S. $0^{\circ} 04'$ E.

Along E. bdy. SW/4 SW/4 NE/4 SW/4 and NW/4 NW/4 SE/4

SW/4 sec. 15. Descend SW. slope 20 ft. in undergrowth.

7.00 Road bears E. and W.

7.70 Wire fence bears NW. and SE.

8.50 Pole fence bears E. and W.

8.56 To corner No. 26.

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 a basalt stone 25 x 9 x 7 ins., 15 ins. in the ground; chiseled (+) at the point and 26-HES 143 on the NW. face, and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course 7 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, NW. of corner from which

A 10 in. oak scribed 26 H E S 143 + B T bears
N. $61^{\circ} 50'$ E. 96 lks.

A 12 in. walnut scribed 26 H E S 143 + B T bears
S. $89^{\circ} 20'$ E. 85 lks.

Corner No. 8. of this survey heretofore described
bears S. $0^{\circ} 04'$ E. 47 lks. distant.

Thence N. $71^{\circ} 07'$ W.

Over bottom in corral.

0.80 Corral fence bears E. and W.

Leave corral and continue over bottom.

1.40 Road bears SW. and NE.

6.40 Arroyo 30 lks. wide, banks 6 ft. high, course SW.

8.05 Enter cultivated land. Bears N. and S.

24.04 Leave cultivated land. Bears E. and W.

26.45 To corner No. 24. the place of beginning.

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Chains	Area of H. E. S. No. 143.
	Tract A. in Sec. 16 109.59 Acres.
	Tract A. in Sec. 15 18.17 Acres.
	Tract B. in Sec. 16 15.06 Acres.
	Tract C. in sec. 16 3.76 Acres.
	Tract D. in Sec. 15 10.71 Acres.
	Total Area 157.29 Acres.

Improvements.

The improvements made upon and for the benefit of this homestead consist of the following:

40.01	A jacal dwelling 14 x 12 ft. the long side extending NE.
10.0	and SW. and the E. corner bears N. 75° 00' W. 2.78 chains
30.0	distant from corner No. 8 of this survey.
20.0	Estimated value-----\$25.00
10.01	Pole corrals as indicated upon the plat.
30.0	Estimated value-----\$50.00
31.0	Approximately 3 miles of wire fence.
01.0	Estimated value-----\$300.00
30.0	Approximately 45 acres of cultivated land.

Description.

This claim is situated on Walnut Creek which drains Westward into Spring creek and South through the Tonto creek into Salt River. There is no timber in this section; the steeper slopes being covered with oak, while walnut and ash grow along the streams.

30.0	Sufficient water for all purposes is obtained from Walnut creek which runs or seeps the entire year. No water is used for irrigation.
30.0	The soil is dark clay loam and produces the ordinary crops of the temperate zone without irrigation. Good crops of milo maize, kaffir corn, beans, corn, and potatoes have been raised.

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This section is not reported to be mineralized; and no townsites, coal, or oil claims are known to have been located in this vicinity. There are no conflicts or adjoining claims. Young postoffice is 6 miles by wagon road in an easterly direction. Holbrook on the Santa Fe Railway is 121 miles by wagon road in a northeasterly direction.

Traverse.

Tract A. in Sec. 16.

Cor.	Course	Dist	N.	S.	E.	W.
1-2	N. 89° 51' W.	10.04	0.03			10.04
2-3	N. 0° 05' W.	10.02	10.02			0.01
3-4	S. 89° 53' E.	5.01		0.01	5.01	
4-5	N. 0° 05' W.	19.60	19.60			0.03
5-6	N. 89° 57' E.	29.99	0.03		29.99	
6-7cc	S. 71° 38' E.	15.90		5.01	15.09	
7cc-12cc	South	14.53		14.53		
12cc-13	S. 89° 53' W.	10.01		0.02		10.01
13-14	S. 0° 01' E.	5.01		5.01		
14-15	S. 89° 52' W.	30.03		0.07		30.03
15-1	S. 00° 06' E.	5.02		5.02	0.01	
		155.16	29.68	29.67	50.10	50.12
			29.67			50.10
Error in lat. and dep.			0.01			0.02

Closing error 1:6939

Tract A. in SEC. 15.

Cor.	Course	Dist	N.	S.	E.	W.
7cc-8	S. 71° 07' E.	26.45		8.56	25.03	
8-9	S. 0° 04' E.	0.98		0.98		
9-10	West	15.03				15.03
10-11	S. 0° 02' E.	5.00		5.00		
11-12cc	West	10.02				10.02
12cc-7cc	North	14.53	14.53			
		72.01	14.53	14.54	25.03	25.05
				14.53		25.03
Error in lat. and dep.				0.01		0.02

Closing error 1:3220

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

Tract B. in Sec. 16.

Cor.	Course	Dist	N.	S.	E.	W.
16-17	N. 0° 05' W.	5.01	5.01			0.01
17-18	East	5.01			5.01	
18-19	N. 89° 58' E.	25.06	0.01		25.06	
19-20	S. 0° 02' E.	5.01		5.01		
20-16	S. 89° 57' W.	30.06		0.03		30.06

70.15	5.02	5.04	30.07	30.07
		5.02		30.07

Error in lat. and dep. 0.02 0.00

Closing error 1:3508

Tract C. in Sec. 16.

Cor.	Course	Dist	N.	S.	E.	W.
21-22	N. 89° 57' E.	15.03	0.01			15.03
22-23	South	5.00		5.00		
23-21	N. 71° 38' W.	15.83	4.99		15.02	

25.86	5.00	5.00	15.02	15.03
		5.00		15.02

Error in lat. and dep. 0.00 0.01

Closing error 1:2586

Tract D. in Sec. 15.

Cor.	Course	Dist	N.	S.	E.	W.
24-25	East	25.03			25.03	
25-26	S. 0° 04' E.	8.56		8.56	0.01	
26-24	N. 71° 07' W.	26.45	8.56			25.03
		60.04	8.56	8.56	25.04	25.03
			8.56		25.03	

Error in lat. and dep. 0.00 0.01

Closing error 1:6004

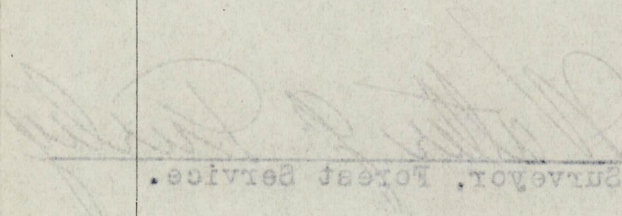
Survey completed September 5, 1914.

Walter J. Purley
Surveyor, Forest Service.

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NATIONAL FOREST

STATE OF ARIZONA

Chains		Treat B. in Sec. 16.					Chains
W.	E.	S.	N.	Dist	Course	Cor.	
0.01			5.01	5.01	N. 0° 02' W.	16-17	
	5.01			5.01	East	17-18	
	25.00		0.01	25.00	N. 89° 58' E.	18-19	
		5.01		5.01	S. 0° 02' E.	19-20	
30.00		0.03		30.00	S. 89° 57' W.	20-16	
30.07	30.07	5.04	5.03	70.15			
30.07		5.03					
0.00		0.03			Error in lat. and dep.	Closing error 1:3508	
Chains		Treat C. in Sec. 16.					Chains
W.	E.	S.	N.	Dist	Course	Cor.	
15.03			0.01	15.03	N. 89° 57' E.	21-22	
		5.00		5.00	South	22-23	
	15.03		4.99	15.03	N. 71° 38' W.	23-21	
15.03	15.03	5.00	5.00	25.86			
15.03		5.00					
0.01		0.00			Error in lat. and dep.	Closing error 1:2386	
Chains		Treat D. in Sec. 15.					Chains
W.	E.	S.	N.	Dist	Course	Cor.	
	25.03			25.03	East	24-25	
	0.01	8.55		8.55	S. 0° 04' E.	25-26	
25.03			8.55	25.45	N. 71° 07' W.	26-24	
25.03	25.04	8.55	8.55	50.04			
25.03	25.03	8.55	8.55				
0.01		0.00			Error in lat. and dep.	Closing error 1:5004	
Survey completed September 5, 1914.							
							
Surveyor, Forest Service.							

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

2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines. 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.

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. 143, STATE OF ARIZONA Benjamin H. Peveler Tonto

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Tract C									
Sec. 16.									
21-22	N. 89° 57' E.	15.03	0 01		15 03		15 03	0 15	
22-23	South	5.00		5 00			30 06		150 30
23-21	N. 71° 36' W.	15.83	4 99		15 02		15 03	75 00	
		25.86	5 00	5 00	15 03	15 03		75 15	150 30
			5 00	5 00	15 03	15 03		75 15	75 15
								75 15	75 15
							Area	3 76	
Tract D									
Sec. 15.									
24-25	East	25.03			25 03		25 03		
25-26	S 0° 04' E	8.56		8 56	0 01		50 07		428 60
26-24	N 71° 07' W.	26.45	8 56		25 03		25 04	214 34	
		60.04	8 56	8 56	25 03	25 03		214 34	428 60
			8 56	8 56	25 03	25 03		214 34	214 34
							Area	10 71	

OTHER TELEPHONE LINES AMONG THE STATES ON THE BASIS OF THE DISTANCE

STATE	MILEAGE	DOLLARS	PERCENTAGE			TOTAL	DOLLARS	PERCENTAGE	TOTAL	DOLLARS
			PERCENTAGE	DOLLARS	PERCENTAGE					
AL	100	100	100	100	100	100	100	100	100	
AR	100	100	100	100	100	100	100	100	100	
CA	100	100	100	100	100	100	100	100	100	
CO	100	100	100	100	100	100	100	100	100	
CT	100	100	100	100	100	100	100	100	100	
DC	100	100	100	100	100	100	100	100	100	
DE	100	100	100	100	100	100	100	100	100	
FL	100	100	100	100	100	100	100	100	100	
GA	100	100	100	100	100	100	100	100	100	
IA	100	100	100	100	100	100	100	100	100	
IL	100	100	100	100	100	100	100	100	100	
IN	100	100	100	100	100	100	100	100	100	
KS	100	100	100	100	100	100	100	100	100	
KY	100	100	100	100	100	100	100	100	100	
LA	100	100	100	100	100	100	100	100	100	
MA	100	100	100	100	100	100	100	100	100	
MD	100	100	100	100	100	100	100	100	100	
ME	100	100	100	100	100	100	100	100	100	
MI	100	100	100	100	100	100	100	100	100	
MN	100	100	100	100	100	100	100	100	100	
MO	100	100	100	100	100	100	100	100	100	
MS	100	100	100	100	100	100	100	100	100	
MT	100	100	100	100	100	100	100	100	100	
NC	100	100	100	100	100	100	100	100	100	
ND	100	100	100	100	100	100	100	100	100	
OH	100	100	100	100	100	100	100	100	100	
OK	100	100	100	100	100	100	100	100	100	
OR	100	100	100	100	100	100	100	100	100	
PA	100	100	100	100	100	100	100	100	100	
RI	100	100	100	100	100	100	100	100	100	
SC	100	100	100	100	100	100	100	100	100	
SD	100	100	100	100	100	100	100	100	100	
TN	100	100	100	100	100	100	100	100	100	
TX	100	100	100	100	100	100	100	100	100	
VA	100	100	100	100	100	100	100	100	100	
VT	100	100	100	100	100	100	100	100	100	
WA	100	100	100	100	100	100	100	100	100	
WI	100	100	100	100	100	100	100	100	100	
WV	100	100	100	100	100	100	100	100	100	
WY	100	100	100	100	100	100	100	100	100	
DC	100	100	100	100	100	100	100	100	100	

Other telephone lines among the states on the basis of the distance. This table shows the number of lines and the total mileage for each state. The data is presented in a table with columns for State, Mileage, Dollars, Percentage, Total, Dollars, Percentage, and Total. The states listed are AL, AR, CA, CO, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, VA, VT, WA, WI, WV, and WY.

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D.C.

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 3 1917, 191

The foregoing field notes of Homestead Entry Survey No.

143

executed by *Walter S. Turley, Surveyor-Forest Service*
[Forest Service Title.]
under his special instructions, dated *July 21*, 1914, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank P. Trott

U. S. Surveyor General.

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

FRANK P. TROTT

U. S. Surveyor General.