U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

431.5- 1911

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	<u></u>	, 1914
Survey completed September 5		, 1914
Under Acts of June 11, 1906 and June	30, 1914.	
Applicant for listing Benjamin H. Pev	eler,	
Residence Young,	Arizona.	
Application No. 265 , dated	Mpril 17	., 1911
List No. 3-1289 , dated	May 13	7,1911
Applicant for survey Benjamin H. Pev	eler,	
Residence Young.	Arizona.	
H. E. No 016540 , dated February 13,	1912.	
Land district Phoenix, Arizona.		
		8—2349

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 survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona
Note: It would have been very expensive and inconvenient to appear before an officer to administer oaths to assistants; hence they were taken by the surveyor.
Subscribed and sworn to before me this 10th day of
October, 1914. Matter 9. Furly
Surveyor, Forest Service.
OATH OF SURVEYOR SERVICE.
Walter C. 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 , under the Act of 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 perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.
Walter 99 welly
Surveyor, Forest Service.
Subscribed and sworn to before me this 4th day of my Commission apprils July 1. 1916 Clourt L Manson
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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 Lend 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.

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.

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

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.

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Form 85. Sheet No. 2.

HOMESTEAD ENTRY SURVEY NO. 143

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains September 12, 1914. H ninstnes . anitali Tot insoliga

I set up my transit over the 1/4 sec. corner to secs. 16 end 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., 1.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° bus 41 06', 57". Long. 111°. 01'09" W.1 . 2008 ni betastid

fenci el Astron.l.m.t., obsn. Sept. 1, 1914 31h. 20.0m. Astron.1.m.t., U.C.Pol. Sept. 1, 1914. 14h. 46.6m. Hour angle Pol. at obsn. 16h. 33.4m. 23h. 56.lm.

commenced September 2, 1914, and executed wit Time Argument

.oT

Azimuth Pol. at obsn., 1° 17' 30" E. provided with a prism eye piece, stadis wires, vertical

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 deter--dost mined 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. ments made dire Hour angle Pol. at obsn. 16h. 45.4m · entnes one sanif of Letsbbarg equi leste and 23h. 56.lm.

-rev and Time Argument atiw beamments selsas egois 7h t 10.7m.

sthere in Azimuth of Pol. at obsn. 1° 19' 00" E. / erein

diw bedivorg , anthe September 2, 1914 betanning . bor

STATE OF ARIZONA

Chains

September 3, 1914.

- 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° 19', the azimuth of Polaris, to the

 W. from her direction at 7 h. 32 m. p.m. 1.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° 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 con-

Lat. 34° 06' 57" N. and Long 111° 01' 09" W. at corner

No. 1. of this survey taken from the Special Instruc
tions of the Surveyor General.

tinuous sustained angulation.

I observe the magnetic declination at corner No. 1 to be 15° 00' E. at corner No. 1. on September 4, 1914, at 3 h. 00 m. p.m. 1.m.t., which reduced gives a mean magnetic declination of 15° 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.

HOMESTEAD ENTRY SURVEY NO. 143.

TONTO NATIONAL FOREST

STATE OF ARIZONA.

Chains Thence North.

On a random.

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.

Thence South.

On a true line, I mark the $10.00\frac{1}{2}$, 15.01, 20.01 and 30.01 chain points.

Thence East.

On a random line through sec. 15, from the 1/4 sec. corner to secs. 15 and 16 heretofore described.

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. Return course N. 89° 59' W.

Thence South.

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.

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.

> Thence N. 0° 07' W. on a true line, I mark the 10.01, 20.02, 30.03, and 40.04 chain points.

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.

20.05

TONTO NATIONAL FOREST

	STATE OF ARIZONA.
Chains	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.
8/48	On a true line from point for center of sec. 15, I mark the 10.00 and 20.01 chain points.
	Thence East. On a random from corner to sees. 15, 16, 21 and 22 here-
· stoie	tofore described.
40.10	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
4/500	marked and witnessed as described by the Surveyor Gener-
	Thence S. 89° 58' W. On a true line, I mark the 10.02, 20.05, and 30.07 chain points.
	Thence East. On a random line, from point for NW. corner SW/4 SW/4 sec. 15.
40.06	Intersect point for SE. corner NE/4 SW/4 sec. 15.
	Thence West. Me 10.8 eda iran I , inil earl a no
	On a true line, I mark the 10.01, 15.02, 20.03 and 30.04 chain points.
	Thence N. 0° 03' W. On a random from point for SW. corner SE/4 SW/4 sec. 15.
40.03	Intersect point for NE. corner NW/4 SW/4 sec. 15. Thence S. 0° 03' E.
	On a true line, I mark the 10.01, 15.01, 20.01, 25.02 and 30.02 chain points.
	Thence West.

On a random from point for SE. corner, NE/4NE/4SW/4sec.15. 20.02 To point for SW. corner NW/4 NE/4 SW/4 sec. 15.

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STATE OF ARIZONA.

Ch	nains	Thence East. or reprop . sea e E pil bus Induelo emisdo
ang.	reah	On a true line, I mark the 5.01 and 10.01 chain points.
		The page N. age go, W.
da	en I	Thence N. 0° 05! W. Thence Mort build south and
		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.
+67	ted Si	Thence S. 0° 05' E. and Tampoo more applied a no
		On a true line, I mark the 10.01 and 15.02 chain points.
5	na df	. spor of Tentos, ose AVE all To . Return R. ffst 7 DE Da.
		Thence N. O° 04' W. A B BEOTESHEE B EL HEFEW 3.
120	1197) 1	On a random line, from point for SW. corner SE/4 SW/4
		NE/4 SW/4 sec. 15.
		To point for NW. corner NE/4 SW/4 NE/4 SW/4 sec. 15.
111	on vo	Thence S. Q° 04 E. I and dram I , edil bort o no
		On a true line I mark the 5.00 chain point.
		The state of the s
		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. A NAME TORTOG . 22 TOT JETOG TESCHETAL 80.94
		On a true line, I mark the 5.01 chain point.
Ho.	. Oā bn	80.08 SOLETATOROT AND STANT THE TOTAL O' HO
		Thence West.
		From point for SE. corner NE/4 SE/4 SW/4 sec. 15.
		To point for NW. corner SW/4 SE/4 SW/4 sec. 15.
1	L .oon	Thence East. 100 . No rol thing more mobals and
		On a true line, I mark the 10.02 chain point.
		Tacnes 3. 05 45 A.
	30.83	Thence N. Q° 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. O' Ob' E.
1		On a true line, I mark the 5.01 and 10.01 chain points.

TONTO NATIONAL FOREST STATE OF ARIZONA.

	Chains	Thence West.
	, , ,	From point for SE. corner NE/4 NW/4 SE/4 SW/4 sec. 15.
Section 19	10.02	To point for NW. corner SW/4 NW/4 SE/4 SW/4 sec. 15.
The state of		Thence East.
		On a true line, I mark the 5.01 chain point.
STATE OF THE PARTY		The state of the s
	, SS Our	Thence N. 0.º 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.
	. Svöd	Thence S. 0° 04' E.
1	HIGHE TO	On a true line I mark the 5.00-1/2 chain point.
	i Hola	Tr. bard, 1-17, Kills, W. of object their
The state of the s	E.21	Thence N. 0° 02' W.
THE PERSON NAMED IN		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.
The second second		, FEOUT GOVERNMENT
*	I'd bus a	Thence East. 1000 . Does and the same and th
		From point for NW. corner SW/4 SW/4 SW/4 sec. 15.
the state of the s	20.04	To point for NE. corner SE/4 SW/4 SW/4 sec. 15.
The state of the s	2 2 01 0	Thence West. at Audit and Audit , It , It . Audit .
	ightrous	On a true line, I mark the 10.02 chain point.
		Lacrone and system of the control of
の大はないたり		Thence West.
		From point for NE. corner SE/4 NE/4 SW/4 SW/4 sec. 15.
San San Name of Street, or other party of the last of	10.02	To point for NW. corner SW/4 NE/4 SW/4 SW/4 sec. 15.
		Return course East.
THE PERSON NAMED IN	Fa. bra	Da a general from the carrest to beds. 13, 17, 10
	1	Thence West.
	të ba i	From point for NW. corner SW/4 NE/4 SW/4 sec. 15
No. of Lot, Line o	20.02	To point for SW. corner NW/4 NW/4 SW/4 sec. 15.
The second second	. terene	Return course East.
		i. (to 'O' . Land poo mura and a
THE REAL PROPERTY.		to box of on ot only views

TONTO NATIONAL FOREST STATE OF ARIZONA.

01	ha	٠.		_
U	na	11	115	3

Thence West.

. .. From point for SE. corner NE/4 SE/4 NW/4 SW/4 sec. 15.

20.02 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.

I mark the 20.02 and 30.03 chain points.

Return course N. 89° 51' E.

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 marked and witnessed as described by the Surveyor General. Return course S. 0° 61' E.

I mark the 19.99 chain point.

STATE	OF	ARIZONA.
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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. O° -06' W.

On a true line from the 1/4 sec. corner to secs. 16 and 21. I mark the $5.01\frac{1}{2}$, 10.03, $20.06\frac{1}{2}$, 30.10, $35.11\frac{1}{2}$ 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.

. K '88 '98 . H

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 $10.02\frac{1}{2}$, 15.04, 20.05, 40.10, $45.10\frac{1}{2}$, 50.11 and 60.12 chain points.

HOMESTEAD ENTRY SURVEY NO. 143.

TONTO NATIONAL FOREST ARIZONA.

	Chains	Thence S. 89° 55' W.
	VI bha	From point for SE. corner NE/4 SE/4 sec. 16.
State of the last		To point for SW. corner NW/4 SE/4 sec. 16.
	Sme d	Note: After running the N. and S. median, I return this
		line as follows: .bediagon exchange at
		Thence N. 89° 55' E
		On a true line I mark the 20.03 and 30.05 chain points.
		September 3, 1914.
	af bin	S to a Tangood and Total and corner to deat 2
	anu	September 4, 1914.
		Thence N. 0° 03' W.
		From point for SW. corner SE/4 SE/4 sec. 16.
	40.072	Intersect point for NE. corner NW/4 SE/4 sec. 16.
		Thence S. 0° 03' E hadinasaab alolofaton la
		On a true line I mark the 5.01, 10.02, 20.04, 30.06 and
	bus of	35.07 chain points. A sale more subtraction and
	10 and	. 48 . Or. 02 . 440. 08. 20. OE . 200. B. of . 7 15
		Thence N. 0° 01' W. ,adming misdo of, 08
		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.
	, 11	Thence S. O'Ol' E. 130 to . The stand bed 130
	- 35 9301	On a true line I mark the 5.00 and 10.01 chain points.
	. 200	Note: This line was returned after the other median was
	-ob orot	run. 2 bus dl . sees of mentos , oss ell ent
		- 12 Seriado STADA JE 130 SU . Lesagos buditos
	-pb arol	Thence S. 89° 57' W.
	.114	From point for NE. corner SE/4 NE/4 SE/4 sec. 16.
	20.04	
		Thence N. 89° 57' E.
	one S.C	On a true line I mark the 5.01 and 10.02 chain points.
	, 10	. C 190 Of old Winds To . Bed I subst a Paris of the State of the Stat

STATE OF ARIZONA		ONA	IZO	RI	1	F	0	TE	TA	S
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Chains	Thence N. O° O2' W.
16.	From point for SW. corner SE/4 NW/4 NE/4 SE/4 sec. 16.
10.02	To point for NW. corner NE/4 NW/4 NE/4 SE/4 sec. 16.
	Thence S. 0° 02' E 'Sa *88 . Toballos manyasa.
	On a true line I mark the 5.01 chain point.
	Note: This line was returned after the other median was
.01.0	run. NAM AND TORIOU .VII TOR Julog more
.0	For the tot point for sure against the light sure see.
	Thence S. 89° 58' W. 188 888 . M. sargoo minde
	From point for SE. corner NE/4 NW/4 NE/4 SE/4 sec. 16.
10.02	To point for NW. corner SW/4 NW/4 NE/4 SE/4 sec. 16.
,	Thence N. 89° 58' E. remos . The month of more
	On a true line, I mark the 5.01 chain point.
	9 180 00 8 equado
Misno M	Thence S0° Ql' E. of the state of the sta
	From point for NE. corner NW/4 SE/4 SE/4 sec. 16.
20.02	To point for SW. corner SE/4 SE/4 SE/4 sec. 16.
	Thence N. O'Ol' W.
	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. Alas Alas range , sa rol palog more
	dates to the for Me, corner er/A set/A see, 16,
	Thence S. 89° 53' W.
00 001	From point for SE. corner NE/4 SE/4 SE/4 sec. 16.
20.022	To point for SW. corner NW/4 SE/4 SE/4 sec. 16.
	Thence N. 89° 53' E.
	On a true line I mark the 10.01 chain point.
4	Thence S. 89° 521 W
	From point for SE. corner NE/4 SW/4 SE/4 SE/4 sec. 16.
10.01	To point for SW. corner NW/4 SW/4 SE/4 SE/4 sec. 16.
A PA	Return course N. 89° 52' E.
+	

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STATE OF ARIZONA.

Chains	Thence S. 89° 52' W.
ec. 16,	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 3 '30 0 . 3 60 60 .
	On a true line I mark the 5.01 enals grint.
sav mai.	Thence S. 89° 58 W. Minder and end stall : etcl
,	From point for NW. corner SW/4 NW/4 NE/4 SE/4 sec. 16.
20.04	To point for SE. corner NE/4 NE/4 NE/4 SW/4 sec. 16.
	Return course N. 89° 58' E. '84 988 . A sone all
, d.E. , de	From notes for 82. corner En/a 12/4 Ma/a 35/a a
. 0.1	Thence N. 0° 03' W. Ala Montoo . The fold of So. OI
	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
n C	points. A A A A A THE TERROO . THE TOTAL TOTAL MOTT
	Note: This line was returned after the other median
	was run.
. sfelon	missis 10.01 bns Co.d ont wasm I entl surt s mo
netbe	Thence N. 89° 56' W. INTOI BEW GAIL BIRL : 910K
	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
4 (On a true line I mark the 20.04, 30.07 and 35.08 chain
	·points. Alas Alas Alas Alas rentos . To tot Julos of 180.00
	Thomas M. 89° 5% T.
	Thence N. 0° 05' W. and Man I only surt a no
	From point for SE. corner SW/4 NE/4 SW/4 sec. 16.
20.042	To point for NE. corner NW/4 ·NE/4 SW/4 sec. 16.
16,	Thence S. 0° 05' E. Transon . The solution more
, 0.	On a true line I mark the 5.01 and 10.02 chain points.
	Note; This line was returned after the other median was
	run.

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STATE OF ARIZONA.

		STATE OF ARIZONA.	STATE STATE OF
The state of the s	Chains	Thence N. 89° 59' W. , ' ad 90 . a second anisate	Color Color
	.01.9	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° 59' E 190 SO	
		On a true line I mark the 10.01 and 15.02 chain points.	
		. Sal . 3 . W. U. Sa table sales and a sal	
		Thence N. O° 05' W.	
		From point for SW. corner SE/4 NE/4 NE/4 SW/4 sec. 16.	
	10.021	To point for NW. corner NE/4 NE/4 NE/4 SW/4 sec. 16.	
	sibiusa	Thence S. 0° 05' E	
	bLiro?	On a true line I mark the 5.01 chain point.	
	\$ 19.0a	Note: This line was returned after the other median was	
	Sm: C	f .ok . run. A to . L .ok femiou for democ alas	
	. turod	owy on to . I I leave corner 1 Ik. M. of the type	
	* *	Thence West. The A Month of Leveling I : Evolution as I -	
	den I d	From point for NE. corner SE/4 NE/4 NE/4 SW/4 sec. 16.	
	10.01	To point for SW. corner NW/4 NE/4 NE/4 SW/4 sec. 16.	
	0213	Thence East	
•	erad .Ji	On a true line I mark the 5.00-1/2 chain point.	
		in the real of the series and the series	
	. 7 8	Thence N. 0° 05' W.	
		From point for SE. corner SW/4 SE/4 SW/4 sec. 16.	
	20.042	To point for NE. corner NW/4. SE/4 SW/4 sec. 16.	
		Thence S. 0° 05' E.	
		On a true line I mark the 10.02-1/2 chain point.	
	elots.	Note: This line was returned after the other median	
		was run	
		. W. Det Color Dept Co. 6	
	,	Thence. N. 89°, 531 W. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
		From point for NE. corner SE/4 SE/4 SW/4 sec. 16.	
		To point for NW. corner SW/4 SE/4 SW/4 sec. 16.	
	2048 1100	Thence S. 89° 53' E. M. ROLE DER G. O. C.	
		On a true line I mark the 10.03 and 15.04 chain points.	

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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, 1½ 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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16 at which point I chisel (+) on a stone $4 \times 3 \times 2$ ins. and deposit it 14 ins. in the ground; over which I set a conglomerate stone $24 \times 9 \times 6$ 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 $24 \times 18 \times 12$ 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 1ks.

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

Thence N. O° O51 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 $3 \times 3 \times 2$ 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 32 ft. distant and raise a mound of earth 4 ft. base, 2 ft. high, SE. of corner.

Thence N. 0° 05' W.

and E/2 5E/4 NE/4 5W/4

Along the W. bdy. E/2 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, 3½ ft. SE. of corner from which

A 9 in. juniper scribed 5 HES 143 + BT bears . S. 47° 00' E. 103 lks.

N. 0° 05' W. 45 lks.

Thence N. 89° 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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Chains

9.25

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.

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

15.90 To cor. No. 7.

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. 71\frac{1}{2}^{\circ} 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.

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Chains	Thence 5. 71	JI Die	* 125.40 13.4				
	Leave sec. 1	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.

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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° OO' 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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Chains

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, 1 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 1ks.

A 14 in. walnut scribed W C 9 H E S 143 + B T bears N. 2° 00' E. 81 1ks.

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, 12 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 1ks.

A 6 in. oak scribed 10 H E S 143 + B T bears N. 88° 00' W. 14 1ks.

Thence S. O° 02' E.

Along E. bdy. SE/4 NW/4 SW/4 SW/4 sec. 15. Ascend N. slope 100 ft. in undergrowth.

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Chains 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, laft. high NW. of cor. from which

A 6 in. pinon scribed 11 H E S 143 + B T bears N. 38° 30' E. 56 1ks.

A 9 in. pinon scribed 11 H E S 143 + B T bears N. 68° 00' W. 14 1ks.

September 4, 1914.

September 5, 1914.

Thence West.

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

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, lift. 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 1ks.

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. $10.00\frac{1}{2}$ chs. 1/4 cor. to secs. 15 and 16 heretofore described bears N. 30.012chs.

10.02

21.

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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. O° Ol' 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, 12ft. high, NW. of cor. from which

A 12 in. juniper scribed 14 H E S 143 + B T bears

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N. 37° 30' E. 73.1ks.

A'19 in. juniper scribed 14 H É 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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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 HES 143 + BT bears S. 32° 40' E. 135 lks.

Corner No. 5 of this survey heretofore described bears S. 0° 05' E. 45 lks.

Thence N. O° 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 $4 \times 3 \times 2$ ins., and deposit it 15 ins. in the ground; over which I set a diabase stone $25 \times 10 \times 10$ 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, $1\frac{1}{2} \text{ ft.}$ 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 ire fence bears N. and S.
- 2.90 Wire fence bears WNW, and ESE.
- 5.01To corner No. 18.

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

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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 NE4 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
No. 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. O° O2' 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.	0	1

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° 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° 10' W. 195 lks.

Thence S. 89° 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° 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.

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Chains

8.03 Arroyo 60 lks. wide, banks 3 ft. high, course S. Ascend

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 1ks.

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. $71\frac{1}{2}$ ° 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	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.
	4/5	Thence N. 71° 38' W. Over bottom land.
	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.
		Tract Doo. rearon of ad.8
	ing.,	Corner No. 24 and a closing corner on line between secs.
	Jou I	15 and 16.
	: Buo at	Identical with corner No. 23 of this survey which is a
	, 11	basalt stone 9 x 8 x 10 ins. above ground marked and
	SLAT B	witnessed as heretofore described. I chisel CC on the
	5 6	W. and 24-HES 143 on the S. of W. face, and dig a pit
	Tolla	24 x 18 x 12 ins. crosswise on line 7 ft. E. of corner
3		and add the earth to the mound which stands 31 ft. WNW.
	21	of corner.
		Thence East.
	agged	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.
	1.40	Wire fence bears NW. and SE.
	18.50	Spur bears N. and S. Descend SW. slope 20 ft. in under-
		growth.
	22.04	Arroyo 30 lks. wide, banks 3 ft, high course SW. Ascend
		SW. slope 20 ft. in undergrowth.
	25.035	To corner No. 25.
		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, 12 ft.
		high, SW. of corner.

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		STATE OF ARTZONA
	Chains	Pits impracticable. No bearings available.
		Thence S. O° 04' E.
		Along E: bdy. SW/4 SW/4 NE/4 SW/4 and NW4 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.
	.EDSE T	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
All de la constant de		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.
The state of the s		face, and dig pits 24 x 24 x 12 ins. crosswise on this
	Jig a	and the succeeding course 7 ft. distant and raise a
		mound of earth 4 ft. base, 2 ft. high, NW. of corner
THE REAL PROPERTY.	. 1910 . 11	from which the business of horace and boa base
Total Paris		A 10 in. oak scribed 26 HES 143 + BT bears
		N. 61° 50' E. 96 lks.
		A 12 in. walnut scribed 26 H E S 143 + B T bears
		S. 89° 20' E. 85 lks.
		Corner No. 8. of this survey heretofore described
	TOBALL	bears S. 0° 04' E. 47 lks. distant.
		Tiwwin.
	DREDEN	Thence N. 71° 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.
		Leave cultivated land. Bears E. and W.
	26.45	To corner No. 24. the place of beginning.
1		DAKE, BAKE, OI GOINEI.

10.04

10.01

50.08

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80.0

15.03

10.02

85.05 85.03

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71

TONTO NATIONAL FOREST

STATE OF ARIZON

Chains as : Desiler Area of H. E. S. No. 145. Chains and of Tract A. in Sec. 16 in to 1109.59 Acres.

Tract A. in Sec. 15 . Tract B. in Sec. 16 as in 2 define 2 3.76 Acres.

Tract C. in Sec. 16 as in 2 define 2 3.76 Acres.

. moitserib v Total Area a s ni Beor 157.29 Acres.

Improvements.

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

and SW. and the E. corner bears N. 75° 00' W. 2.78 chains distant from corner No. 8 of this survey.

15-16

Olosing error 1:0

Estimated value----\$25.00 007-0

Pole corrals as indicated upon the plat.

Estimated value----\$50.00

Approximately 3 miles of wire fence.

Estimated value-----\$300.00

Approximately 45 acres of cultivated land.

Description.

ward 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.

Jost

Sufficient water for all purposes is obtained from Walnut creek which runs or seeps the entire year. No water is used for irrigation.

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.

8-2349

30.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains	This section is not reported to be mineralized; and	no
	townsites, coal, or oil claims are known to have	been
	located in this vicinity. of .sed ni .A feart	
	There are no conflicts or adjoining claims.	
	Young postoffice is 6 miles by wagon road in an eas	sterly
	direction. Holbrook on the Santa Fe Railway is 1	.21
	miles by wagon road in a northeasterly direction.	
	.sJuscevorgml Traverse.	
his	The improvements made upon and for the benefit of	
	Tract A. in Sec. 16.	
. HW e	Cor. Course Dist N. S. E.	W.
	1-2 N.89°51'W. 10.04 0.03	10.04
11200 0	3-4 S.89°53'E. 5.01 0.01 5.01	0.01
	4-5 N. 0° 05' W. 19.60 19.60 1 Jaste 5-6 N. 89° 57'E. 29.99 0.03 29.99	0.03
	6-7cc 00. S.71° 38'E 15.90 betamit 5.01 15.09	
	7cc-12cc South 14.53 14.53 12cc-13 . S.89° 53' W 10.01 10.01 10.02 0.02 0.02	10.03
	13-14 S. 0°01'E. 5.01 5.01 14-15 00.8.89°52'W30.03 betamite 0.07	30.03
V	15-1 S.00° 06'E. 5.02 5.02 0.01	00.00
	155.16 29.68 29.67 50.10	50.12
	00.008#	50.10
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	Closing error 1:6939	
	Tract A. in SEC. 15.	
	Cor. Course Dist N. S. E.	W.
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is inci:	7cc-8 S.71°07'E. 26.45 8.56 25.03	
bns ju	9-10 West 15.03	15.03
	11-12cc West 10.02 12cc-7cc North14.53 14.53 18 wors dea	10.02
Variation	mort bentsjdo ei sesogra72.01 114.53; 14.54 25.03	25.05
	14.53	25.03
ar real	Error in lat. and dep. 0.01	0.02
	Closing error 1:3220	
goro y	The soil is dark elsy loam and produces the ordinal	
	of the temperate zone without irrigation. Good	
to agor:	Comment of the first that the second of the formal of the first the second of the first the second of the first the second of th	
	milo maire, kaffir corn, beans, corn, and potato	

STATE OF ARIZONA

Chains		Tract B	. in Sec.	16.			chising
	Cor.	Course	Dist	N.	s.	E.	W.
	16-17 17-18 18-19 19-20 20-16	N. 0° 05'W. East N.89° 58'E. S. 0° 02'E. S.89° 57'W.	5.01 5.01 25.06 5.01 30.06	5.01	5.01	5.01 25.06	0.01
	20 10		70.15	5.02	5.04	30.07	30.07
	Error in	lat. and dep			0.02		0.00
		error 1:3508					
		Tract	C. in Sec	3. 16.			
	Cor. 21-22 22-23	Course N.89°57'E. South	Dist 15.03 5.00	N. 0.01 4.99	S. 5.00	E. 15.02	W. 15.03
	23-21	N.71° 38'W.	15.83				
			25.86	5.00	5.00	15.02	15.03
	Error in	lat. and dep			0.00		0.01
	Closing	error 1:2586					
		Trac	t D. in	Sec. 15.			
	Cor.	Course	Dist	N.	s.	E.	W.
	24-25 25-26 26-24	East S. 0°04'E. N.71°07'W.	25.03 8.56 26.45	8.56	8.56	25.03	25.03
			60.04	8.56 8.56	8.56	25.04 25.03	20.00
	Error in	lat. and dep	•	0.00		0.01	
	Closing	error 1:6004					
	Survey c	ompleted Sept	ember 5,	1914.			

Surveyor, Forest Service.

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STATE OF ONLY A TO SEE

Chains			. 16.	in Sec.	Tract B.		enisti
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8-2349

Benjamin H. Peveler, Tonto S. AREAS. DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

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

The the corrected figure or figures showed be proportional to the lengths of the lines.

The corrected footing in red ink.

The corrected footing in red ink.

The calculations of all ings 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. 2 80 20 40 30 Area N. AREAS. 197 195 0 0 STATE OF ARIZONA DOUBLE M. D. 13 12 10 60 66 85.05 100 14 90 0 0 29 9 06 80 20 20 0 0 10 03 03 8 0 0 10 0 10 50 0 20 DEPARTURES 60 2 266 TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 143 O 0 EAST. 15 200 50 IQ 0 89 68 5 02 53 02 02 67 5 5 0 SOUTH. 53 0 14 iO LO 0 LATITUDES 03 68 02 09 03 NORTH. 29 19 0 10 5.02 19.60 10.02 15.90 10.01 14.53 5.01 30.03 155.16 5.01 29.99 DISTANCE. 1:6939 H F 国 国 M. 89° 51' W 00 00 57 381 01. 190 53 05 53 89° 521 Closing Error BEARING. 68 880 68 S. 71° 0 ô ° 7ec-12ec South ໝ 63 10 מש Form 85. Sheet No. 3.—Revised Feb., 1915. 12cc-13 Tract A Sec. 16. 6-700 14-15 13-14 1-91 7-2 4-5 9-9 2-3 CORNERS. 8-2349

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Sheet No. 3.—Revised Feb., 1915.

Drections.—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 figure or figures above in red ink. Do not change the flowers, but put below them the corrected figure or figures above in red ink. Do not change the lines.

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.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

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TABLING AND CALCULATIONS OF HOMESLEVD EMIST SOURCE NO. 172 SLALE OF VEICONV SAUTENT H. Beagle E. Louço

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THOUSENESS CHARLES AND CHICAGO

Sheet No. 3.—Revised Feb., 1915.

Sheet No. 3.—Revised Feb., 1915.

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

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Put the corrected figure or figures above in red ink. Do not change the footing of the lines.

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

The corrections for balancing fallings should be proportions 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.

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BEARING.	DISTANCE.	LATITUDES.	DES.	DEPARTURES.	URES.	DOUBLE M. D.	N. AREAS.	S. AREAS.
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neor from Branch Bigg Bond

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 Halter Is. 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.

I certify that the foregoing transcript of the field notes of the ARIZONA, has been

correctly copied from the original notes on file in this office.

FPANK P. TROTT

U. S. Surveyor General.

8-2349

above-described survey in the State of