

# State Well Report

## Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961- 5210  
(601)961- 5228 (fax)

County: Rankin  
Permit #: MS-GW-17409  
Driller: Griner  
Date drilling completed: 8/26/2019

**For Office Use Only:**  
Aquifer: \_\_\_\_\_  
Well #: C53  
L. S. Elevation: 408  
E-log #: \_\_\_\_\_

**State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.**

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Fannin Water Assoc.</u>	Latitude: <u>32° 25' 55.00"</u> Longitude: <u>89° 56' 53.69" W</u> <u>North</u>
Mailing Address: <u>2653 Hwy 471</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/>
<u>Brandon MS 39047</u>	USGS quad <input type="radio"/> Hand-held GPS <input checked="" type="radio"/> Survey-grade GPS <input type="radio"/>
City State Zip Code	<u>SE</u> <u>NE</u> 1/4 <u>SW</u> 1/4 Sec <u>24</u> Twn <u>7N</u> Rng <u>3E</u>
Telephone No. <u>(601) 829-3343</u>	Distance Direction Nearest Town <u>4</u> Miles <u>N</u> of <u>Flowood</u>

**Well / Borehole Data**

Date drilling started: 6/11/19 Date drilling completed: 8/26/19 Hole depth: 1,220 Hole diameter: 17"

Location of the source of any surface water used for drilling: Fannin Water Assoc. tap.  
Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

Logs run (check all applicable): None  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_  
Name of organization running log(s): Griner

Purpose of borehole (check one): Water Well  Geotechnical/Geological Investigation  Ground Source Heat Pump   
Seismic Survey  Other (describe) \_\_\_\_\_  
*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (check one): Home  Industrial  Public Supply  Irrigation  Fish Culture  Other: \_\_\_\_\_

If a flowing well, method of flow regulation: Valve  Other (describe) \_\_\_\_\_

Static Water Level: 378 feet above  or below  land surface Date measured: 3/12/2020

Method of Measurement (check one) steel tape  electric tape  air line  other: \_\_\_\_\_

Well depth: 1,218 Well grouted to a depth of 1,143 feet Type of grout (check one): Neat Cement  Bentonite  Mix

Casing length: 1,143 feet Casing diameter: 12 inches Type of casing: Coated Steel

Screen length: 60 feet Screen diameter: 8" inches Type of screen: 8"x6" Muni-Pak

Screen slot size: .016 inches Setting depth: From 1148 feet to 1208 feet

Type of completion (check all applicable): Gravel packed  Underreamed  Telescoped  Open hole   
Natural Development  Other (describe): \_\_\_\_\_

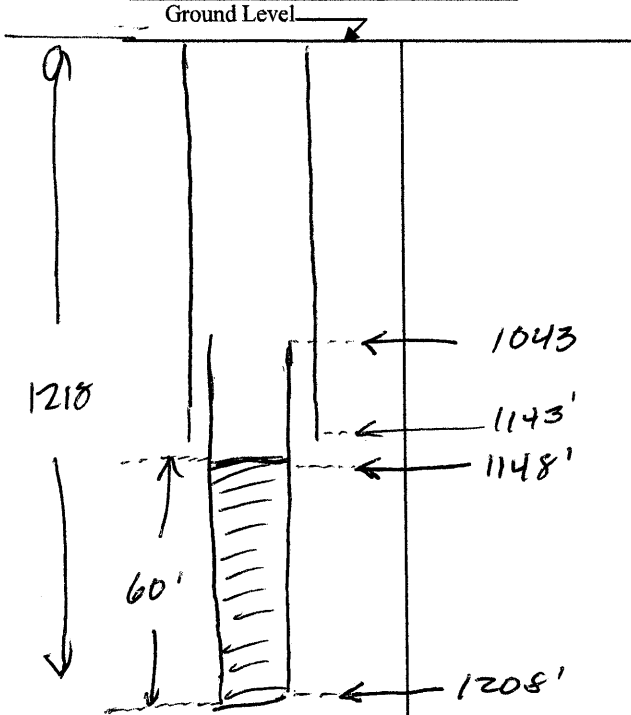
Top of lap pipe or reduction in casing: 1,043 feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)



The sketch below only required for water wells

If well telescopes, show depths on sketch.

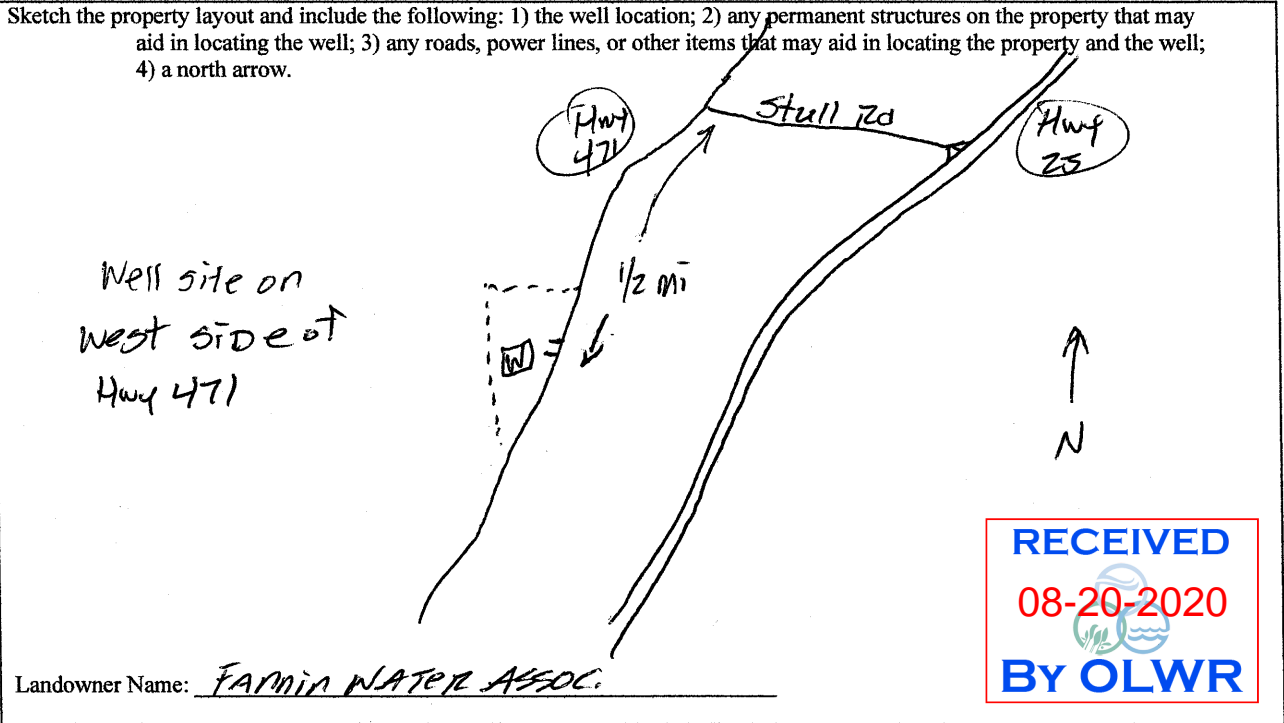


If more than one screen, show location of each on sketch

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
TOP SOIL w/ white clay	Ground Level	34
White clay w/ gray streaks	34	64
gray clay	64	96
SAND STKS w/ clay	96	127
clay	127	315
SANDY CLAY w/ SAND STK	315	439
CLAY	439	531
SANDY CLAY	531	594
CLAY w/ shale STKS	594	625
shale STK w/ SANDY clay	625	656
SANDY CLAY	656	687
lignite + SANDY CLAY	687	718
SANDY clay w/ lignite	718	780
clay + lignite	780	842
SANDY clay	842	903
FINE SAND & CLAY	903	965
SAND w/ CLAY STKS	965	1028
SAND	1028	1050
SANDY CLAY	1050	1082
SAND	1082	1215
SANDY CLAY	1215	1225

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow.

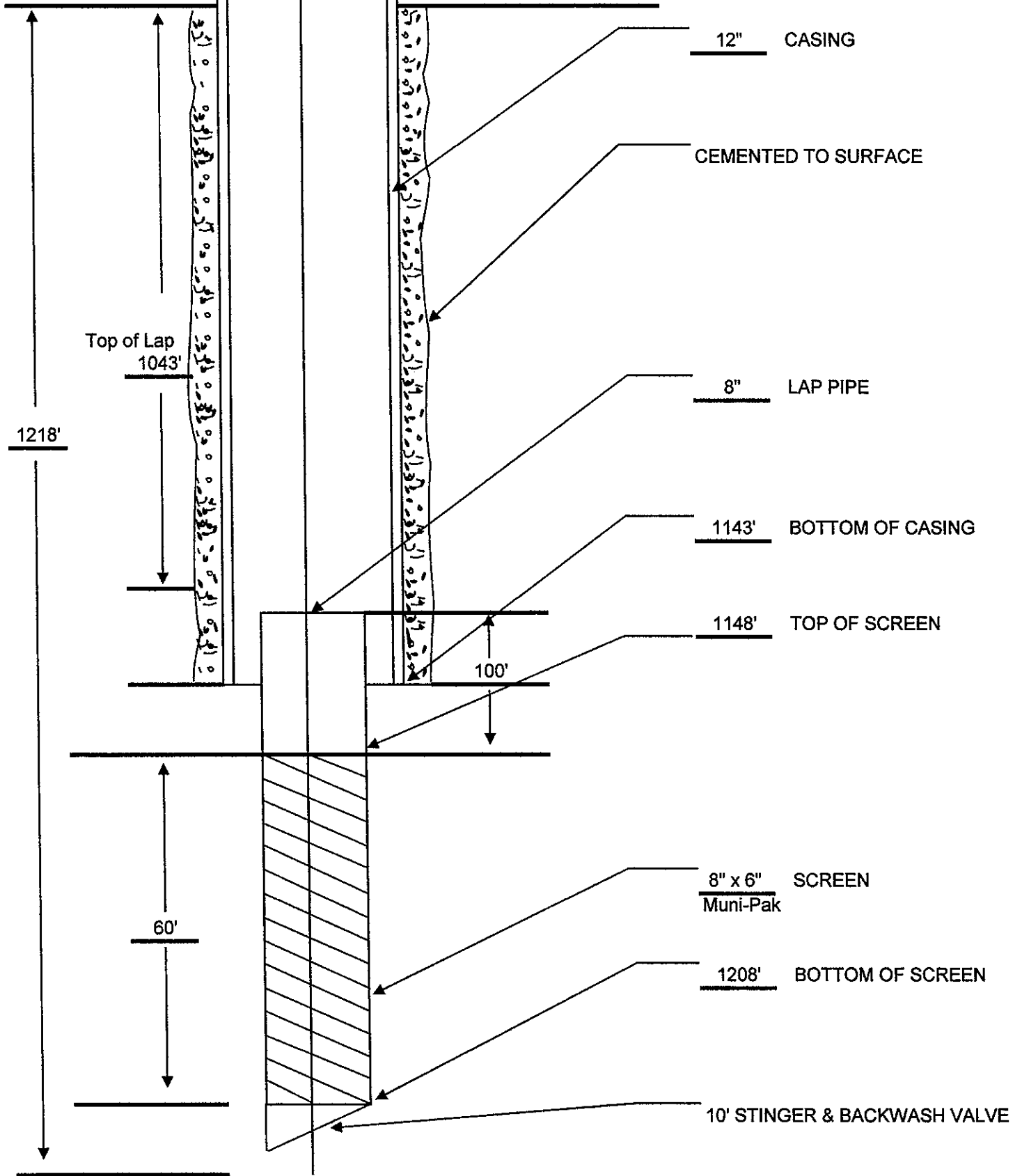


Landowner Name: FARMIA WATER ASSOC.

Form: OLWR-SWR-1A (04/08)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Charles H. Griner Sr.      0-184      9-23-19      Charles H. Griner  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee





# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961-5210  
(601)961-5228 (fax)

County: Rankin  
Permit #: MS-GW-17409  
Driller: Griner  
Date completed: \_\_\_\_\_  
*Copy information from block on Part 1*

**For Office Use Only:**  
Aquifer: \_\_\_\_\_  
Well #: C53  
Elevation: \_\_\_\_\_

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

Well Owner Information	Well Location
Owner Name: <u>Fannin Water Assoc.</u>	Latitude: <u>32°25'55.00"N</u> Longitude: <u>89°56'53.69"W</u>
Mailing Address: <u>2653 Hwy 471</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/> , USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>
<u>BRANDON MS 39047</u> City State Zip Code	<u>NE 1/4 SW 1/4 Sec 24 T 7N R 3E</u>
Telephone No. <u>(601) 829-3343</u>	Distance <u>4</u> Miles <u>N</u> Direction of <u>Flowood</u> Nearest Town

Pump Type	Power Type
Check one	Check one
Air Lift <input type="radio"/> Jet <input type="radio"/> Submersible <input type="radio"/>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine <input checked="" type="radio"/>	Electric Motor <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>125</u>
Date Pump Installed: <u>10/8/2019</u>	Setting Depth: <u>500</u> feet
Rated Pump Capacity: <u>500</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: <u>3-12-2020</u>	Check one
Static Water Level (A): <u>378</u> Feet Below Land Surface	Air Line <input checked="" type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape <input type="radio"/>
Pumping Water Level (B): <u>433</u> Feet Below Land Surface	Other (specify): _____
Drawdown [(B) - (A)]: <u>55</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Test Pumping Rate: <u>500</u> Gallons Per Minute	Well yielded <u>550</u> GPM with a drawdown of
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	<u>59.2</u> feet after <u>24</u> hours of pumping

This is for (check one): New Well  Replacement of Existing Pump  Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
Charles H. Griner Sr. 0-184  
Print Name of Pump Installer and License No. (if applicable) Charles H. Griner  
Signature of Pump Installer



(CANTON)



GOSHEN SPRINGS QUADRANGLE

MISSISSIPPI

TOPOGRAPHIC SERIES

(SHARON SE)

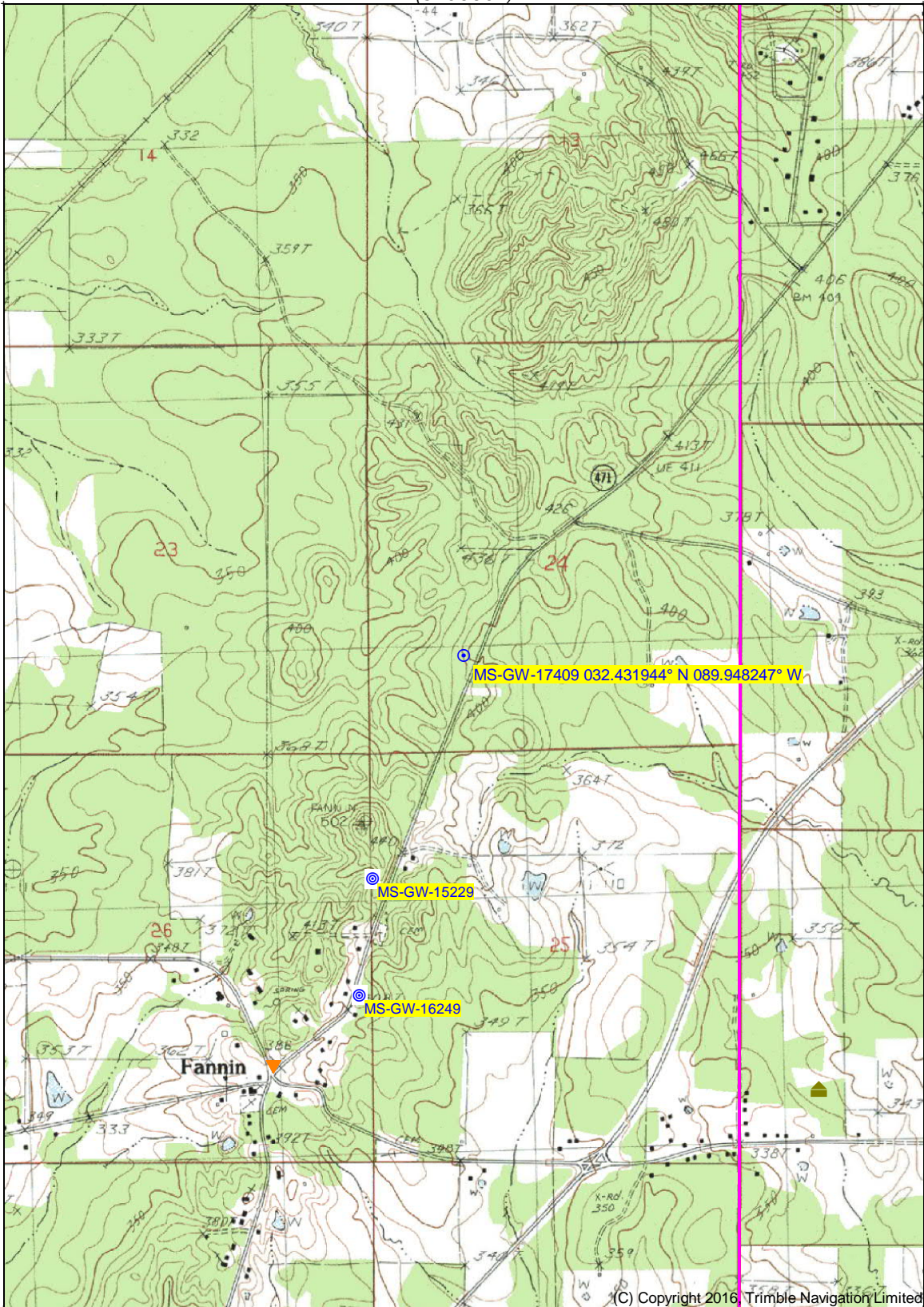
089° 58' 03.8134" W  
032° 27' 19.0829" N

(SHOCOE)

089° 55' 43.5927" W  
032° 27' 19.0829" N

(MADISON)

(LEESBURG)



032° 24' 31.4475" N  
089° 58' 03.8134" W

(BRANDON)

SCALE 1:24000

Printed: Thu Aug 20, 2020

032° 24' 31.4475" N  
089° 55' 43.5927" W

(JACKSON SE)

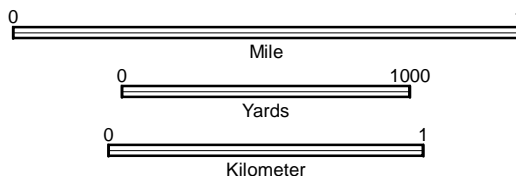
(PELAHATCHIE)

Produced by Trimble Terrain Navigator Pro  
Topography based on USGS 1:24,000  
Maps

North American 1983 Datum (NAD83)

To place on the predicted North American  
1927 move the projection lines 16M N and  
8M W

Declination



CONTOUR INTERVAL 10 FT

32089-D8-TM-024  
GOSHEN SPRINGS, MS  
JAN 1, 1982

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Stull Road

MS-GW-17409 032.431944° N 089.948247° W

Old Hwy 471

Lakes Drive