

# 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 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

#### For Office Use Only:

Well #: 103 A103  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Marshall  
Permit #: MS-GW-17417  
Driller: Donald Smith Co., Inc  
Date drilling completed: 2/21/19

*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.*

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Marshall Co Water Assoc</u>	Latitude: <u>34 57 51.5N</u> Longitude: <u>89 38 10.3W</u>
Mailing Address: <u>512 Wingo Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
City: <u>Byhalia</u> State: <u>MS</u> Zip Code: <u>38611</u>	<u>SE</u> ¼ <u>SE</u> ¼, Sec <u>29</u> T <u>15</u> R <u>4W</u>
Telephone No. ( ) _____	<u>11.5</u> Miles <u>E</u> of <u>Olive Branch</u> <small>(Distance) (Direction) (Nearest Town)</small>

Well / Borehole Data	
Date drilling started: <u>1/2/19</u>	Date drilling completed: <u>2/21/19</u> Hole depth: <u>667'</u> Hole diameter: <u>21"</u>
Location of the source of any surface water used for drilling: <u>Potable Water Used</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>Public Water Supply</u>	
Logs run (circle all applicable): No log run <input type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____	
Name of organization running log(s): <u>MS office of Geology</u>	
Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (circle all applicable): Home <input type="checkbox"/> Industrial <input type="checkbox"/> <input checked="" type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture	
Other (describe): _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>71'</u> feet [above or below] land surface (circle one) Date measured: <u>2/13/19</u>	
Method of measurement (circle one): Steel tape <input type="checkbox"/> <input checked="" type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____	
Well depth: <u>652'</u> Well grouted to a depth of: <u>597'</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix	
Casing length: <u>597'</u> feet Casing diameter: <u>16"</u> inches Type of casing: <u>Carbon Steel</u>	
Screen length: <u>50'</u> feet Screen diameter: <u>10"</u> inches Type of screen: <u>SS</u>	
Screen slot size: <u>.030</u> inches Setting depth: From <u>602'</u> feet to <u>652'</u> feet	
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input checked="" type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: <u>539'</u> feet	
<i>If telescoped or more than one screen, describe on next page</i>	



(Outdoor Contour Map)



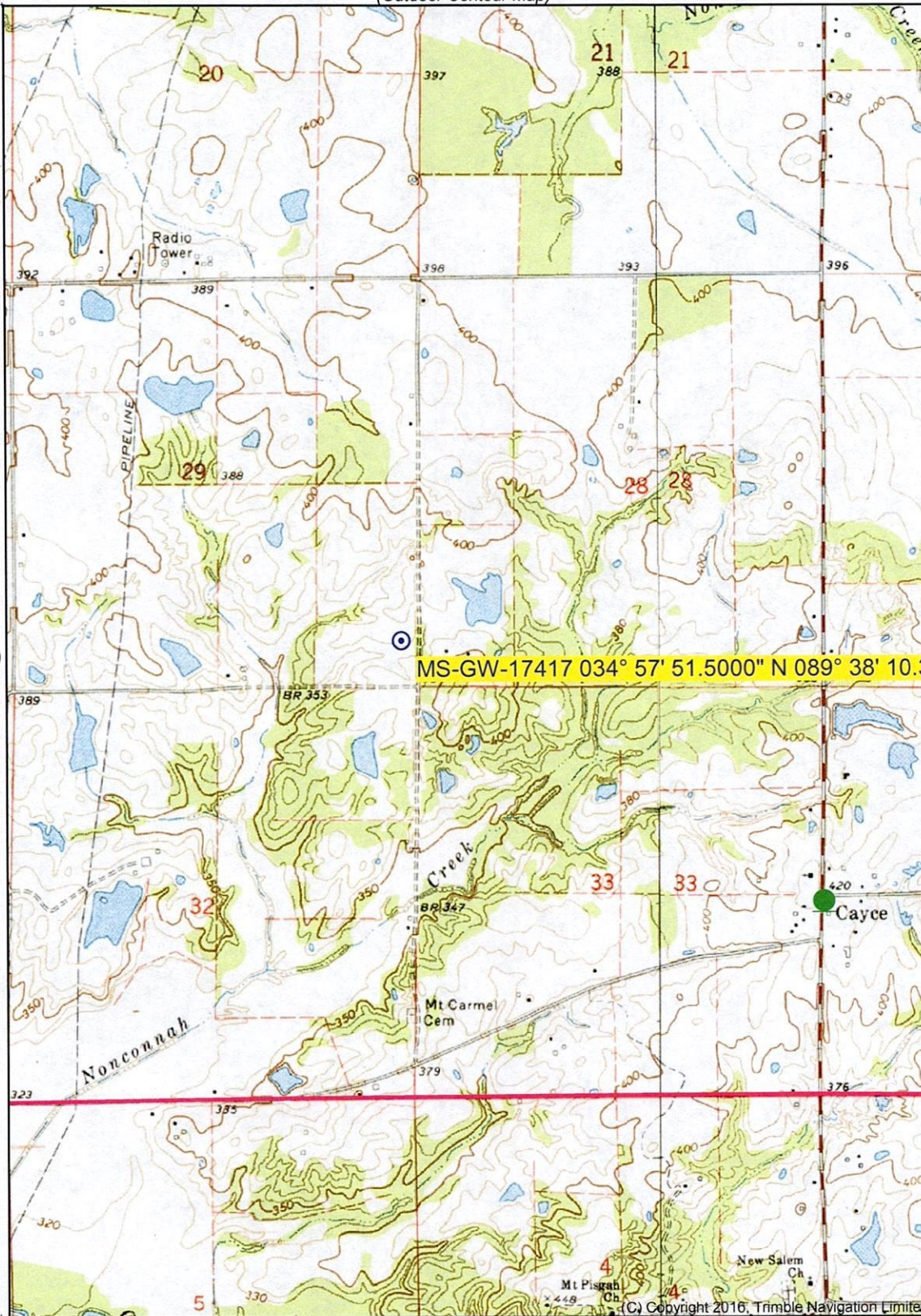
BYHALIA NW QUADRANGLE  
MISSISSIPPI  
TOPOGRAPHIC SERIES

(Outdoor Contour Map)

089° 39' 11.9994" W  
034° 59' 12.4098" N

(Outdoor Contour Map)

089° 36' 47.6249" W  
034° 59' 12.4098" N



(OLIVE BRANCH)

(MT PLEASANT)

MS-GW-17417 034° 57' 51.5000" N 089° 38' 10.3

034° 56' 24.8073" N  
089° 39' 11.9994" W

(LEWISBURG)

(BYHALIA)  
SCALE 1:24000

Printed: Fri May 24, 2019

034° 56' 24.8073" N  
089° 36' 47.6249" W

(RED BANKS)

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

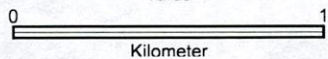
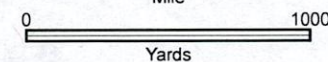
North American 1983 Datum (NAD83)

To place on the predicted North American  
1927 move the projection lines 10M N and  
7M W

Declination



GN 1.50° W  
MN 1.63° W



CONTOUR INTERVAL 10 FT

34089-H6-TM-024  
BYHALIA NW, MS  
JAN 1, 1971