

STATE WELL REPORT

County: MADISON
 Permit #: _____
 Driller: THOMAS DRILLING
 Date drilling completed: 11/15/17

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)961-5555
 (601)961-5228 (fax)

For Office Use Only:
 Well #: A 34
 Aquifer: _____
 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.

Well Owner Information (Landowner if borehole is not for a water well) Owner Name: <u>SOGGY BOTTOM TIMBER</u> Mailing Address: <u>103 OAKHURST TRAIL</u> <u>RIDGELAND MS 39157</u> City State Zip Code Telephone No. <u>(601) 540-8384</u>			Well or Borehole Location Latitude: <u>32°51'29.22"N</u> Longitude: <u>89°58'38.37"W</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>SE 1/4 NW 1/4, Sec 227 T 12N R 3E</u> <u>2</u> Miles <u>S</u> of <u>PICKENS</u> (Distance) (Direction) (Nearest Town)		
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Well / Borehole Data

Date drilling started: 11/15/17 Date drilling completed: 11/17/17 Hole depth: _____ Hole diameter: 4"
 Location of the source of any surface water used for drilling: _____
 Method of dosing and volume of Chlorine used in drilling and development: 1lbs IN TENDER AND WASH
 Logs run (check all applicable): log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 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 all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): _____
 If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
 Static Water Level: 40' feet above or below land surface Date measured: 11/17/17
 (check one)
 Method of measurement (check one) Steel tape Electric tape Air line Other (describe): _____
 Well depth: 443' Well grouted to a depth of: 20'+ feet Type of grout (check one) Neat Cement Bentonite Mix
 Casing length: 403' feet Casing diameter: 4" inches Type of casing: PVC
 Screen length: 40' feet Screen diameter: 2" inches Type of screen: WRAP PVC
 Screen slot size: .010" inches Setting depth: From 403 feet to 443 feet
 Type of completion (check all applicable) gravel packed Underreamed Open hole Natural Development
 Other (describe): _____
 Top of lap pipe or reduction in casing: 303 feet

If telescoped or more than one screen, describe on next page

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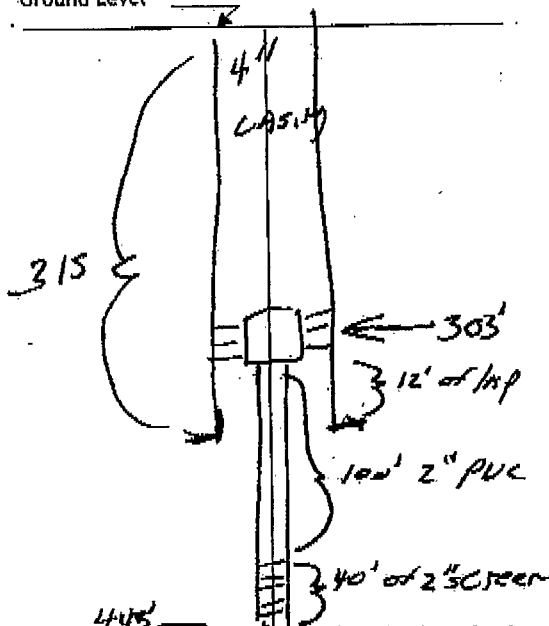
County: MADISON
 Permit #: _____

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 Well #: A34

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level



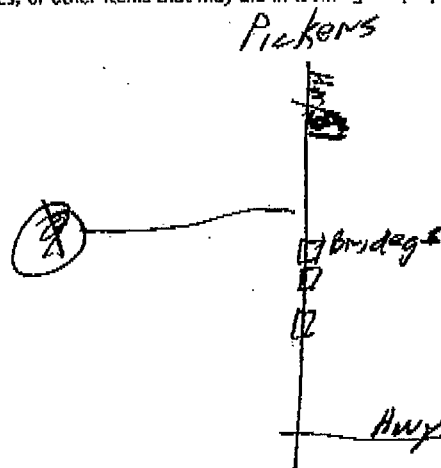
If more than one screen, show location of each on sketch

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

Description of Formations Encountered	From (depth) Ground level	To (depth)
GRAY CLAY	0	15
BROWN DIRT	15	28
LT GRAY SAND (NICE)	28	39
HARD LIGNITE	39	43
FINE SAND AND LIGNITE	43	87
FINE SAND W/STRKS SHALE	87	140
GRAY CLAY (BLUE)	140	143
SAND W/ STRKS CLAY	143	185
STONE	185	185
SAND AND CLAY	185	230
GRAY CLAY	231	248
GRAY SAND	248	265
GRAY CLAY	265	278
ROCK	278	279
SAND	279	293
GRAY CLAY	293	320
SAND AND CLAY	230	334
GRAY SAND	384	443

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) north arrow



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Landowner Name: SOGGY BOTTOM TIMBER

I HEREBY 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.

DAVID S THOMAS 0-147

11/17/17

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

Form: OLWR-SWR-1B (4/13)

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

County: MADISON
 Permit #: _____
 Driller: THOMAS DRILLING
 Date completed: 11/20/17
Copy information from block on Part 1

For Office Use Only:
 Well #: A34
 Aquifer: _____

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>SOGGY BOTTOM TIMBER</u>			Latitude: <u>32°51'29.22"N</u>	Longitude: <u>89°58'38.37"W</u>
Mailing Address: <u>103 OAKHURST TRAIL</u>			Method of Lat/Long (check one): Conventional Survey _____	
<u>RIDGELAND</u>	<u>MS</u>	<u>39157</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____	
City	State	Zip Code	<u>SE 1/4 NW 1/4, Sec 27 T12N R3E</u>	
Telephone No. (<u>601</u>) <u>5408384</u>			<u>2</u> Miles <u>S</u> of <u>PICKENS</u>	(Distance) (Direction) (Nearest Town)

Pump Type (check one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 11/20/17 Rated Pump Capacity: 85 Gallons Per Minute
 Is This Pump (check one): New Repaired Replacement

Power Type (check one)
 Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
 Horse Power Rating of Motor: 5HP Setting Depth: 140 feet Number of Stages: 5

Pump Test Data for Non Flowing Well
 Date Well Tested: 11/20/17 Duration of Pump Test (minimum 4 hours): _____ hours
 Static Water Level (A): 40 Feet Below Land Surface Pumping Water Level (B): 90 Feet Below Land Surface
 Drawdown [(B) - (A)]: 50 Feet Below Land Surface Test Pumping Rate: 100 Gallons Per Minute
 Method of measurement (check one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well
 Measured shut in head: _____ feet.
 Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation
 Meter Manufacturer: _____ Meter Serial Number: _____
 Meter Model Number/Name: _____ Type of Meter: _____
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
 Installation Date: _____ Meter installed by: _____
 Is This Meter (check one): New Repaired Replacement
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
 DAVID S THOMAS 0-147 11/20/17
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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