

1185 Wesley # 2

APR 05 2017

STATE WELL REPORT Part BY OLWR

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 #: E307 Aquifer: E-Log #:

County: Lamar Permit #: MS-GW-17271 ✓ Driller: John W Thompson Date drilling completed: 3-8-17

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: City of Hattiesburg Mailing Address: PO Box 1898 Hattiesburg MS City: State: Zip Code: Telephone No. () Well or Borehole Location Latitude: 31°19'39.7" Longitude: 89°22'23" Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ 52N 1/4 NE 1/4, Sec 11 T 4N R 14W 0 Miles of Hattiesburg (Distance) (Direction) (Nearest Town)

Well / Borehole Data Date drilling started: 1-5-17 Date drilling completed: 3-8-17 Hole depth: 850 Hole diameter: 21" Location of the source of any surface water used for drilling: Fire hydrant Method of dosing and volume of Chlorine used in drilling and development: Logs run (circle all applicable): No-log run Electric Gamma Ray Density Sonic Neutron Other: Name of organization running log(s): Teaco Wireline Services Purpose of borehole (circle 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 (circle 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: 126 feet [above or below] land surface Date measured: 3-8-17 Method of measurement (circle one): Steel tape Electric tape Air line Other (describe) Well depth: 820 Well grouted to a depth of: feet Type of grout (circle one): Neat Cement Bentonite Mix Casing length: 735 feet Casing diameter: 16 inches Type of casing: Steel Screen length: 80 feet Screen diameter: 12 inches Type of screen: Stainless munipac Screen slot size: .020 inches Setting depth: From 740 feet to 820 feet Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development Other (describe): Top of lap pipe or reduction in casing: feet If telescoped or more than one screen, describe on next page

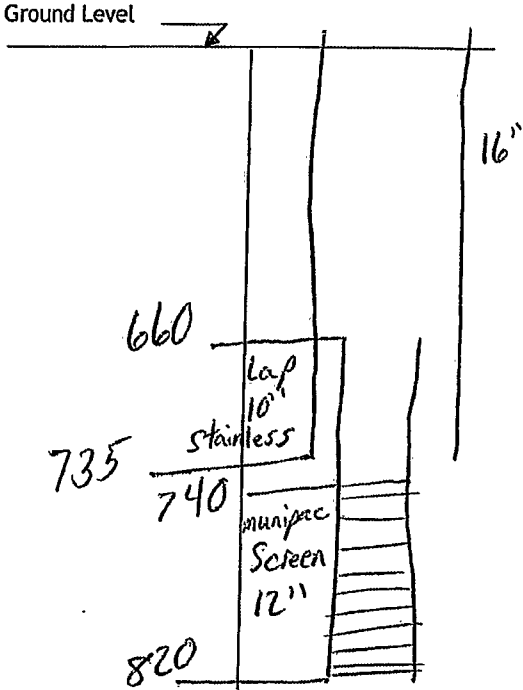
County: Lamar
 Permit #: MS-GW-17271

For Office Use Only:
 Well #: E307

The sketch below only required for water wells

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

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
white clay	Ground level	30
blue clay	30	55
clay + sand	55	65
sand	65	85
blue clay + sand	85	100
clay	100	120
soft white clay	120	200
sand + clay	200	240
coarse sand	240	285
clay + shale	285	320
clay + fine sand	320	350
coarse sand / pea gravel	350	440
sand + clay	440	500
coarse sand + pea gravel	500	545
blue clay	545	570
sand	570	580
clay	580	640
sand	640	770
sand + clay	770	810
clay	810	850

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

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

Landowner Name: _____

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.

John W Thompson 0-679
 Print Name of Responsible Licensee and License No.

3-27-17
 Date

John W Thompson
 Signature of Licensee