

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)

County: Jackson
Permit #: _____
Driller: East Water Wells, Inc.
Date drilling completed: 4-22-16

For Office Use Only:
Well #: E 217
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)	Well or Borehole Location
Owner Name: <u>Lonnie Layton</u>	Latitude: <u>30° 35' 9.72"</u> Longitude: <u>088° 49' 42.66"</u>
Mailing Address: <u>John Smith Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Vancleave, MS 39565</u>	<u>N 50° 1/4 NE 1/4, Sec 30 T 55 R 8W</u>
City State Zip Code	<u>8 1/2</u> Miles <u>WNW</u> of <u>Vancleave</u>
Telephone No. <u>228 297-7367</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 4-22-16 Date drilling completed: 4-22-16 Hole depth: 225 FT Hole diameter: 2"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: 1 GAL PER 1000 DRILLING 2 GAL IN WELL

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

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: 75 feet [above or below land surface (circle one) Date measured: 4-22-16

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 225 FT Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 215 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .004 inches Setting depth: From 215 feet to 225 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: N/A feet

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

Received

APR 28 2016

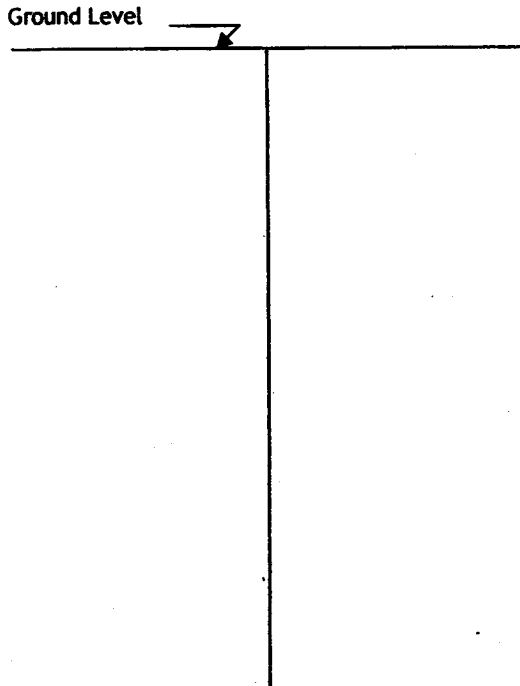
By OLWR

County: Jackson
 Permit #: _____

For Office Use Only:
 Well #: E217

The sketch below only required for water wells
If well telescopes, show depths 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)
Topsell	Ground level	2
Orange & Blue Clay	2	214
Grey Medium Sand	214	225

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

Received
 APR 28 2016
 By OLWR

Landowner Name: Lonnie Layton

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.

Jack Ridgell 0-472 4/25/16
 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 39225-2309
(601)961-5210
(601) 360-0535 (fax)

County: Jackson
Permit #: _____
Driller: East Water Wells SVC
Date completed: 4-22-16
Copy information from block on Part 1

For Office Use Only:
Well #: _____
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>Lonnie Layton</u>	Latitude: <u>30°35'9.72"</u> Longitude: <u>088°49'42.66"</u>
Mailing Address: <u>John Smith Road</u>	Method of Lat/Long (check one): Conventional Survey _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Vancleave, MS 39565</u>	USGS quad _____, SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec <u>30</u> T <u>5S</u> R <u>8W</u>
City State Zip Code	<u>8 1/2</u> Miles <u>WNW</u> of <u>Vancleave</u>
Telephone No. <u>(601) 297-7367</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)
Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 5-10-16 Rated Pump Capacity: 10 Gallons Per Minute
Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)
 Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
Horse Power Rating of Motor: 2HP Setting Depth: 100FT DP feet Number of Stages: 3

Pump Test Data for Non Flowing Well
Date Well Tested: 5-10-16 Duration of Pump Test (minimum 4 hours): 4 1/2 hours
Static Water Level (A): 75 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface
Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: 11 Gallons Per Minute
Method of measurement (circle 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 N/A feet after _____ hours of pumping

Meter Installation
Meter Manufacturer: _____ Meter Serial Number: _____
Meter Model Number/Name: N/A Type of Meter: _____
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
Installation Date: _____ Meter installed by: _____
Is This Meter (circle 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.
Jack Ridgell 0-472 5/11/16 [Signature]
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Received
MAY 20 2016
By OLWR