

(163)

STATE WELL REPORT

Part I

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 #: 280
Aquifer: _____
E-Log #: _____

County: WAYNE
Permit #: 5496
Driller: EARL MOSELEY
Date drilling completed: 11-1-14

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>William M. Beasley</u>	Latitude: <u>31° 30' 25"</u> Longitude: <u>088° 28' 08"</u>
Mailing Address: <u>345 BEASLEY GARDEN RD</u>	Method of Lat/Long (check one): Conventional Survey _____
City: <u>STATELINE MS.</u> State: <u>MS.</u> Zip Code: <u>39362</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
Telephone No. (601) <u>433 9554</u>	<u>SE</u> <u>SW</u> 1/4 <u>SW</u> 1/4, Sec <u>3</u> T <u>6N</u> R <u>5W</u>
	<u>4</u> Miles <u>SOUTH</u> of <u>BUCKATUNNA</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 10-29 Date drilling completed: 11-1-14 Hole depth: 170 Hole diameter: 4"

Location of the source of any surface water used for drilling: 837. COUNTY LAKE DR. HAN RD

Method of dosing and volume of Chlorine used in drilling and development: 402 HTA PER 1000 GAL

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

Name of organization running log(s): N/A

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: 83 feet (above or below land surface) Date measured: 11-1-14
(circle one)

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

Well depth: 170 Well grouted to a depth of: 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 130' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 40' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: 2#10/2#8 inches Setting depth: From 110-1000 feet to 130 feet
2 150

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

Other (describe): _____

Top of tap pipe or reduction in casing: _____ feet

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

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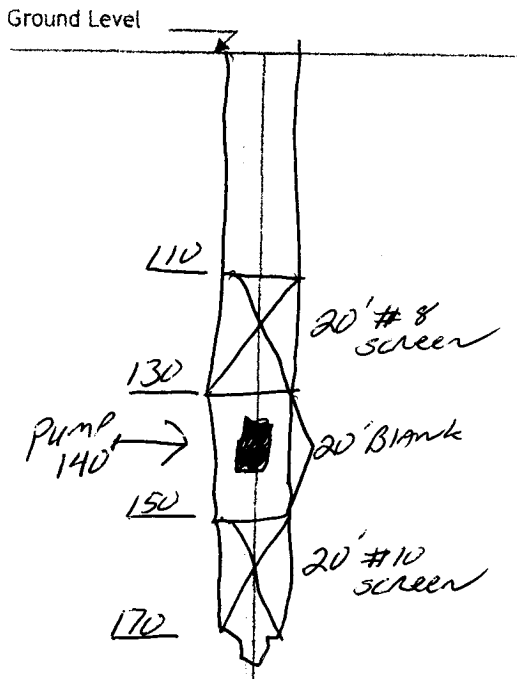
Form OLWR-SWR-1A (4/13)

County: WAYNE
 Permit #: 5496

For Office Use Only:
 Well #: _____

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)
TOP SOIL	Ground level	2
RED SANDY CLAY	2	10
FINE WHT. SAND	10	30
MED/COURSE SAND	30	37
BROWN & GRAY CLAY	37	47
RED SAND	47	51
GRAY CHALKY CLAY	51	82
ROCK	82	83
MED SAND	83	90
FINE SHARP SAND	90	128
CLAY (GRAY)	128	143
MED SAND	143	146
GRAY CLAY	146	148
FINE SHARP SAND		
SAND & CLAY STREAKS	148	165
MED SAND	165	170

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

FROM WAYNEBORO GO HWY 455 TURN RIGHT AT BUCKATUNNA
 CROSS BUCKATUNNA CREEK GO OVER HILL TURN LT
 ON BEASLEY GARDNER RD GO ABOUT 3 MILES TO GRAY
 TRAIL ON LT

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.

EARL MOSELEY 5496 11-3-14 Earl Moseley
 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)

For Office Use Only:

Well #: 280
 Aquifer: _____

County: WAYNE
 Permit #: 5496
 Driller: EARL MOSELEY
 Date completed: 11-3-14
Copy information from block on Part 1

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>William M Beasley</u>	Latitude: <u>31-30-825</u> Longitude: <u>088-28-608</u>
Mailing Address: <u>345 BEASLEY GALLOP</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>RD</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>STATELINE</u> <u>MS</u> <u>39362</u>	<u>SW 1/4 SW 1/4, Sec 3 T.6N R.5W</u>
City _____ State _____ Zip Code _____	<u>4</u> Miles <u>SOUTH</u> of <u>BUCKATUNNA</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 11-3-14 Rated Pump Capacity: _____ 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: 1/2 Setting Depth: 140 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: 11-3-14 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 83 Feet Below Land Surface Pumping Water Level (B): 140 Feet Below Land Surface

Drawdown [(B) - (A)]: 87 Feet Below Land Surface Test Pumping Rate: 13 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 _____ 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 (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.

EARL MOSELEY 5496 11-3-14 Earl Moseley
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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

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