

# 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  
(601)961- 5210  
(601)961- 5228 (fax)

County: Lauderdale  
Permit #: \_\_\_\_\_  
Driller: Clardy Drill  
Date drilling completed: 9/25/11

For Office Use Only:  
Aquifer: F 101  
Well #: \_\_\_\_\_  
L. S. Elevation: \_\_\_\_\_  
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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Danny Thornton</u>	Latitude: <u>N 33° 28' 23" 37 W</u> Longitude: <u>088° 32' 15" 09</u>
Mailing Address: <u>2745 S. Frontage Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Columbus, MS 39701</u>	USGS quad: <u>N 2 1/4 N E 1/4 Sec 32 Twn 19 N Rng 17 E</u>
City: _____ State: _____ Zip Code: _____	Distance: <u>6</u> Miles Direction: <u>West</u> of Nearest Town: <u>Columbus</u>
Telephone No.: <u>662 574-0977</u>	

**Well / Borehole Data**

Date drilling started: 7/21/11 Date drilling completed: 7/25/11 Hole depth: 442 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: 2 1/2 # granular

Logs run (circle all applicable): No 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 one): Home \_\_\_ Industrial \_\_\_ Public Supply \_\_\_ Irrigation \_\_\_  Fish Culture \_\_\_ Other: \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 110 feet above or below (circle one) land surface Date measured: 7/25/11

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: 442 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 275 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 378' feet to 422' feet to 388' feet to 432' feet to 336'-356'

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: 5 feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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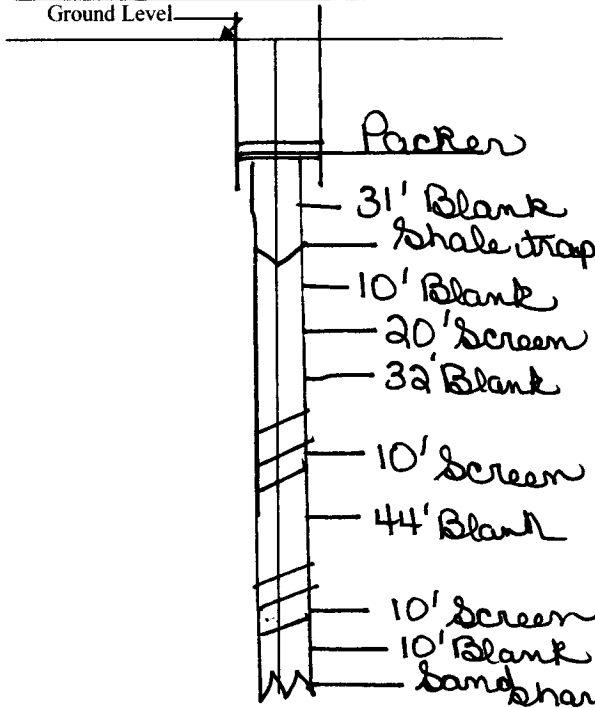
AUG 15 2011

BY: OLWR

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

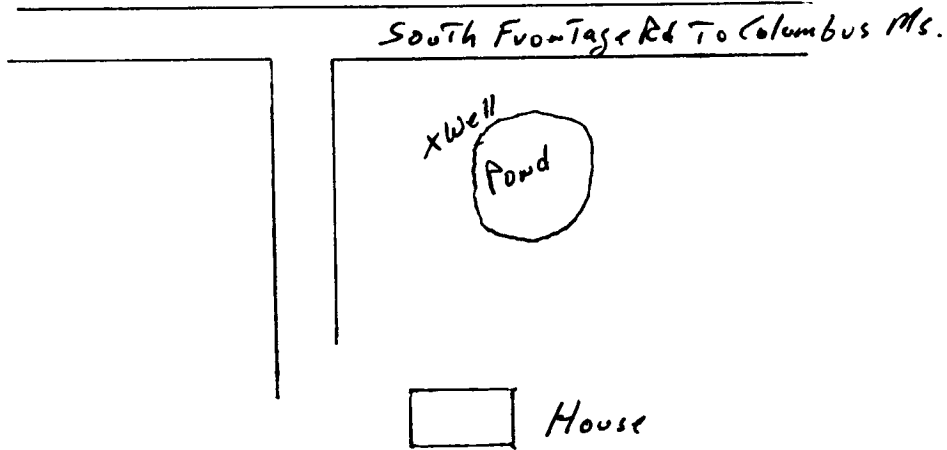
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Brown Clay	Ground Level	10
White clay	10	176 <sup>1/2</sup>
Sandy clay	176 <sup>1/2</sup>	194
Rock	194	195
Sandy clay	195	215 <sup>1/2</sup>
Rock	215 <sup>1/2</sup>	217
Sandy clay	217	230
Rock	230	232
Sandy clay	232	256
Clay	256	286
Clay	286	311
Fine sand	311	331
Clay	331	336
Sandy clay	336	354
Clay	354	379
Rocky sand	379	385
Clay	385	415
Sandy clay	415	426
Sand	426	429
Clay	429	442

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) a north arrow.



Landowner Name: Danny Thornton

Form: OLWR-SWR-1A (04/08)

I 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.

Donald Clardy UNR 00000496  
 Print Name of Responsible Licensee and License No.      Date 8/11/11

Donald Clardy  
 Signature of Licensee

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# 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  
 (601)961-5210  
 (601)961-5228 (fax)

County: Howards  
 Permit #: \_\_\_\_\_  
 Driller: Clardy Dilling  
 Date completed: 8/2/11  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: F101  
 Elevation: \_\_\_\_\_

*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**

Owner Name: Danny Thornton  
 Mailing Address: 2745 S. Frontage  
Rd.  
Columbus, MS 39701  
City State Zip Code  
 Telephone No. 662 574-0977

**Well Location**

Latitude: N 33° 28.636 Longitude: W 088° 32.151  
 Method of Lat/Long (check one): Conventional Survey \_\_\_\_\_  
 USGS quad \_\_\_\_\_, Hand-held GPS , Survey-grade GPS \_\_\_\_\_  
 \_\_\_\_\_ ¼ \_\_\_\_\_ ¼ Sec \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_  
 Distance \_\_\_\_\_ Direction \_\_\_\_\_ Nearest Town \_\_\_\_\_  
6 Miles W of Columbus

**Pump Type**  
Circle one

Air Lift                      Jet                      Submersible  
 Bucket                      Piston                      Turbine  
 Centrifugal                      Rotary                      Flowing Well  
 Other (specify): \_\_\_\_\_  
 Date Pump Installed: 8/2/11  
 Rated Pump Capacity: 35 25 Gallons Per Minute

**Power Type**  
Circle one

Diesel Engine                      Gasoline Engine                      Natural Gas  
Electric Motor                      Hand                      Tractor PTO  
 Windmill                      Other (specify): \_\_\_\_\_  
 Horse Power Rating of Motor: 3 hp.  
 Setting Depth: 220' feet  
 Number of Stages: 15

**Pump Test Data**

Date Well Tested: 8/2/11  
 Static Water Level (A): 110 Feet Below Land Surface  
 Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface  
 Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface  
 Test Pumping Rate: \_\_\_\_\_ Gallons Per Minute  
 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

**Method of Measuring Water Level**  
Circle one

Air Line                      Electric Measuring Line                      Steel Tape  
 Other (specify): \_\_\_\_\_  
 For flowing well, measured shut in head: \_\_\_\_\_ feet  
 Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Donald Clardy OR0000496                      Donald Clardy  
 Print Name of Pump Installer and License No. (if applicable)                      Signature of Pump Installer

Form: OLWR-SWR-1B (0408)

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 AUG 15 2011  
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