

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

County: Marshall
 Permit #: 0-162
 Driller: Garry Carpenter
 Date drilling completed: 4-12-10

For Office Use Only:

Aquifer: E 248
 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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Arleson Homes LLC</u>	Latitude: <u>34° 55' 42"</u> Longitude: <u>89° 39' 22"</u>
Mailing Address: <u>P.O. Box</u>	Method of Lat/Long (circle one): Conventional Survey, _____ USGS quad, Hand-held GPS, Survey-grade GPS
<u>Holly Springs</u> <u>Ms</u> <u>38635</u>	<u>SE 1/4 NE 1/4</u> Sec <u>7</u> Twn <u>25</u> Rng <u>4W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 252-3500</u>	<u>4</u> Miles <u>South</u> of <u>Bygdala</u>

Well / Borehole Data

Date drilling started: 4-12-10 Date drilling completed: 4-12-10 Hole depth: 60' Hole diameter: 8"

Location of the source of any surface water used for drilling: Well Water

Method of dosing and volume of Chlorine used in drilling and development: 1/2 Pd. Chlorine to 1000 gal. Water

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: 25 feet above or below (circle one) land surface Date measured: 4-13-10

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

Well depth: 60' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 50 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 50 feet to 60 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped 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.***

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Form: **OLWR-SWR-2010**

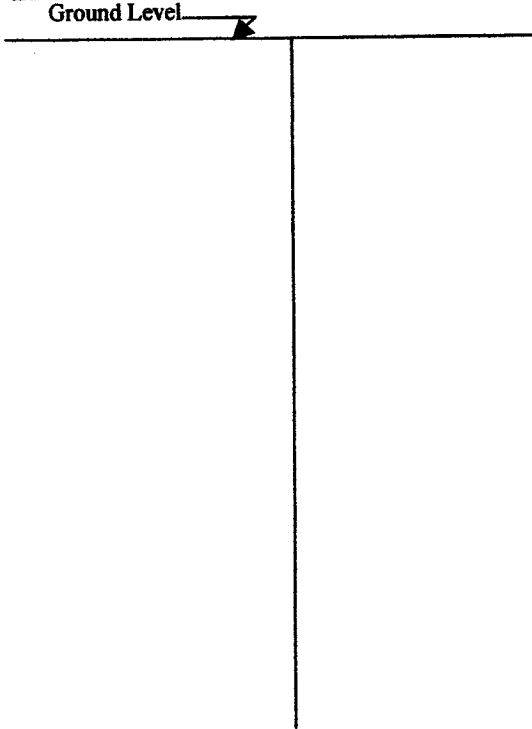
BY: OLWR

E 248

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

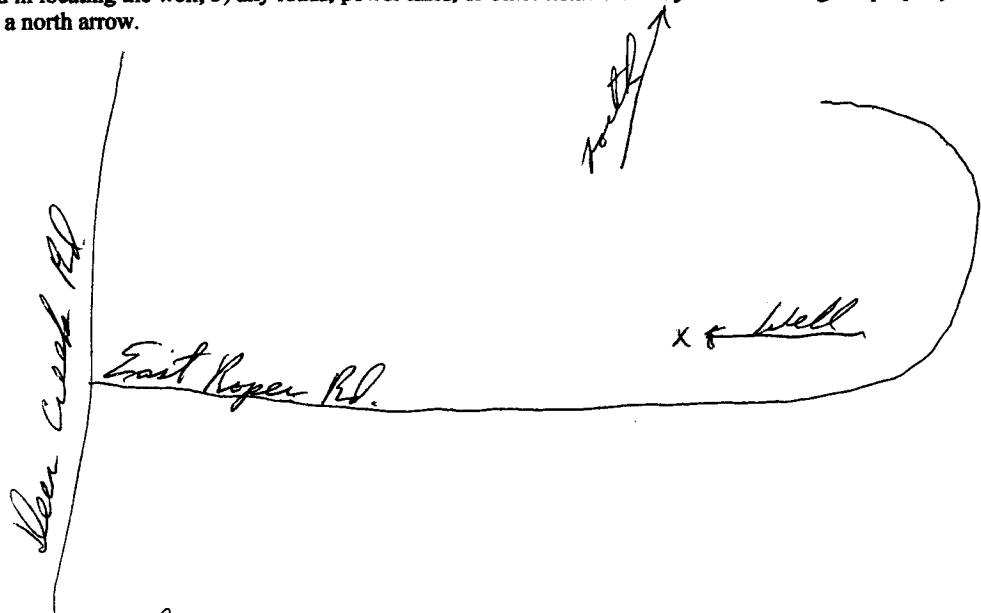
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Surface Soil	0	18
Med. Red Sand	18	30
White Clay	30	38
White Coarse Sand	38	60

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: Anderson Home LLC

Form: OLWR-SWR-1A

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.

LARRY CARPENTER 0162 4-30-10

Larry Carpenter
Signature of Licensee

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BY: OLWR

Print Name of Responsible Licensee and License No.

Date

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date completed: 4-13-10
Copy information from block on Part 1

For Office Use Only:

Aquifer: E 248
 Well #: _____
 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: Anderson Homes LLC
 Mailing Address: P O Box 539
Holly Springs MS 38635
City State Zip Code
 Telephone No. (662) 252-3500

Well Location

Latitude: _____ Longitude: _____
 Method of Lat/Long (check one): Conventional Survey _____
 USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
 _____ 1/4 _____ 1/4 Sec 7 T 25 R R4W
 Distance Direction Nearest Town
4 Miles North of Byhalia

Pump Type
Circle one

Air Lift Jet Submersible
 Bucket Piston Turbine
 Centrifugal Rotary Flowing Well
 Other (specify): _____
 Date Pump Installed: 4-13-10
 Rated Pump Capacity: 10 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: 3/4
 Setting Depth: 50 feet
 Number of Stages: 11

Pump Test Data

Date Well Tested: 4-13-10
 Static Water Level (A): 25 Feet Below Land Surface
 Pumping Water Level (B): 35 Feet Below Land Surface
 Drawdown [(B) - (A)]: 10 Feet Below Land Surface
 Test Pumping Rate: 17 Gallons Per Minute
 Duration of Pump Test (minimum 4 hours): 4 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 17 GPM with a drawdown of
10 feet after 4 hours of pumping

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

LARRY CARPENTER 0-162 Larry Carpenter
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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