



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)

For Office Use Only:

Aquifer: _____
 Well #: D-105
 L. S. Elevation: _____
 E-log #: _____

County CHOCTAW
 Permit #: _____
 Driller: RANDY SALERS
 Date drilling completed: 11-28-06

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>MISSISSIPPI LIGNITE MINING CO</u>	Latitude: <u>33° 23' 23"</u> Longitude: <u>89° 14' 35"</u>
Mailing Address: <u>1000 MEINTRE RD</u> <u>ACKERMAN MS 39735</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, <u>Survey-grade GPS</u>
City _____ State _____ Zip Code _____	<u>SW 1/4 SW 1/4 Sec 27</u> Twn <u>18N</u> Rng <u>10E</u>
Telephone No. <u>(662) 387-5200</u>	Distance _____ Direction _____ Nearest Town _____ <u>2.5</u> Miles <u>NW</u> of <u>CLUSTER</u>
Well / Borehole Data	
Date drilling started: <u>10-4-06</u> Date drilling completed: <u>11-28-06</u> Hole depth: <u>180'</u> Hole diameter: <u>10"</u>	
Location of the source of any surface water used for drilling: <u>LITTLE BINY CREEK</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>1 GAL BLEACH TO 500 GAL WATER</u>	
Logs run (circle all applicable): No log run <u>Electric</u> <u>Gamma Ray</u> <u>Density</u> Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (check one): Home <input type="checkbox"/> <u>Industrial</u> Public Supply Irrigation Fish Culture Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>137</u> feet above or below (circle one) land surface Date measured: <u>11-29-06</u>	
Method of Measurement (circle one) steel tape <u>electric tape</u> air line other: _____	
Well depth: <u>180</u> Well grouted to a depth of <u>135</u> feet Type of grout (circle one) <u>Neat Cement</u> Bentonite Mix	
Casing length: <u>150</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>0.010</u> inches Setting depth: From <u>145</u> feet to <u>175</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

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