

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-164

L. S. Elevation: _____

E-log #: _____

County: Choctaw

Permit #: _____

Driller: Randy Sakers

Date drilling completed: 8-21-07

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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>MS Lignite Mining Co.</u>	Latitude: <u>33° 22' 43"</u> Longitude: <u>89° 14' 16"</u>
Mailing Address: <u>1000 McIntire Rd</u> <u>Ackerly, 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>NE 1/4 SW 1/4 Sec 34 Twn 18N Rng 10E</u>
Telephone No. (601) <u>387-5200</u>	Distance: <u>2.5</u> Miles Direction: <u>NW</u> of Nearest Town: <u>Clotter</u>

Well / Borehole Data

Date drilling started: 8-14-07 Date drilling completed: 8-21-07 Hole depth: 550' Hole diameter: 4 3/4"

Location of the source of any surface water used for drilling: Little Bay Creek

Method of dosing and volume of Chlorine used in drilling and development: 1 gal Bleach to 500 gal water

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

Name of organization running log(s): MDER

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: 173.4 feet above or below (circle one) land surface Date measured: 8-24-07

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

Well depth: 265 Well grouted to a depth of 215 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 220 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 0.01 inches Setting depth: From 220 feet to 260 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*

Form: OLWR-SWR-1A

RECEIVED
SEP 04 2007
BY: OLWR

