

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: Harrison
 Permit #: 0-209
 Driller: R. Mason
 Date drilling completed: 11/19/05

For Office Use Only:
 Aquifer: _____
 Well #: N-347
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>DuPont DeLisle Plant</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>7685 Kiln-DeLisle Rd.</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<i>constructed for workers not plant</i> City: <u>Pass Christian, MS</u> State: <u>MS</u> Zip Code: <u>39573</u>	USGS quad, Hand-held GPS, Survey-grade GPS
Telephone No. <u>601 255-2100</u>	_____ 1/4 _____ 1/4 Sec <u>4</u> Twn <u>8S</u> Rng <u>13W</u>
	Distance _____ Miles Direction <u>N</u> of Nearest Town <u>Pass Christian</u>

Well / Borehole Data

Date drilling started: 11/18/05 Date drilling completed: 11/17/05 Hole depth: 650 Hole diameter: 4x2

Location of the source of any surface water used for drilling: Shop

Method of dosing and volume of Chlorine used in drilling and development: 1/2 lb / 100 gal 89% disinfectant

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: tent city construction workers

If a flowing well, method of flow regulation: Valve N/A Other (describe) _____

Static Water Level: 20 feet above or below (circle one) land surface Date measured: 11/18/05

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

Well depth: 650 Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 630 feet Casing diameter: 4x2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 630 feet to 650 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: N/A feet *If telescoped or more than one screen, describe on next page*

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: _____
 Permit #: 0-209
 Driller: R. Mason
 Date completed: 11/19/05
Copy information from Mech on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: N-347
 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	Well Location
Owner Name: <u>DuPont Delisle Plant</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>2655 Kiln-Delisle Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Pass Christian, MS 39573</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>4</u> T <u>8S</u> R <u>13W</u>
Telephone No. <u>(228) 355-2160</u>	Distance Direction Nearest Town
	<u>3</u> Miles <u>N</u> of <u>Pass Christian</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5 HP</u>
Date Pump Installed: <u>11/19/05</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Number of Stages: <u>22</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11/19/05</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>20</u> Feet Below Land Surface	Other (specify): <u>plumb bob</u>
Pumping Water Level (B): <u>27</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>7</u> Feet Below Land Surface	Well yielded <u>85</u> GPM with a drawdown of
Test Pumping Rate: <u>85</u> Gallons Per Minute	<u>7</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

Dwight Mason 0-209 Dwight Mason
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer