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Coastal Drilling

2283925031

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County: Jackson
 Permit #: 0-209
 Driller: R. Mason
 Date drilling completed: 6/5/06

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 #: J-422
 I. S. Elevation: _____
 B-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> Owner Name: <u>Conrad Malley</u> Mailing Address: <u>1283 Fort Bayan</u> <u>Vandervee, MS</u> City State Zip Code Telephone No. () _____		Well or Borehole Location Latitude: " " " " Longitude: " " " " Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS 1/4 1/4 Sec <u>11</u> Twn <u>60S</u> Rng <u>8W</u> Distance Direction Nearest Town <u>5</u> Miles <u>W</u> of <u>Vandervee</u>	
Well / Borehole Data Date drilling started: <u>6/4/06</u> Date drilling completed: <u>6/5/06</u> Hole depth: <u>500</u> Hole diameter: <u>4x2</u> Location of the source of any surface water used for drilling: <u>Shop</u> Method of dosing and volume of Chlorine used in drilling and development: <u>1/2 lb per 1000 gal 8900 chlorine</u> Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____ Name of organization running log(s): <u>N/A</u> 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 checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____ If a flowing well, method of flow regulation: Valve <u>N/A</u> Other (describe) _____ Static Water Level: <u>75</u> feet above or below (circle one) land surface Date measured: <u>6/5/06</u> Method of Measurement (circle one) steel tape electric tape air line <input checked="" type="checkbox"/> other <u>plumb hole</u> Well depth: <u>500</u> Well grouted to a depth of <u>15</u> feet Type of grout (circle one): Neat Cement <input checked="" type="checkbox"/> Bentonite _____ Mix _____ Casing length: <u>490</u> feet Casing diameter: <u>4x2</u> inches Type of casing: <u>PVC</u> Screen length: <u>10</u> feet Screen diameter: <u>4x2</u> inches Type of screen: <u>PVC</u> Screen slot size: <u>.006</u> inches Setting depth: From <u>490</u> feet to <u>500</u> feet Type of completion (circle all applicable): Gravel packed _____ Underreamed _____ Telescoped _____ Open hole <input checked="" type="checkbox"/> Natural Development _____ Other (describe): _____ Top of lap pipe or reduction in casing: <u>N/A</u> feet <i>If telescoped or more than one screen, describe on next page</i>			

Form: OLWR-SWR-1A

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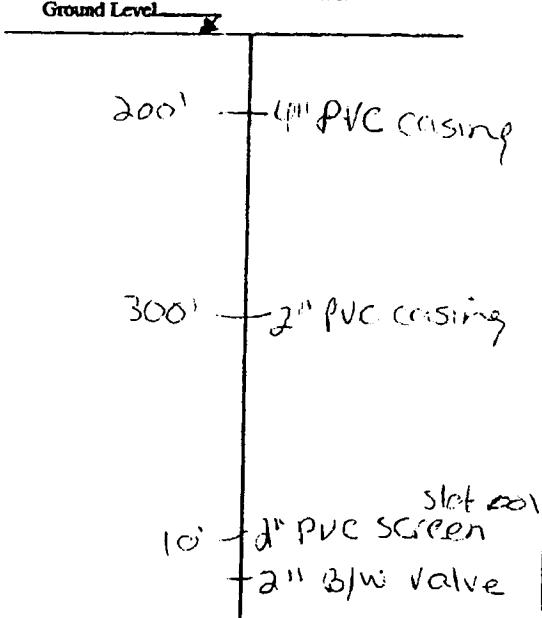
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J-422

The sketch below only required for water wells.

If well telescopes, show depths on sketch.



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Top Soil	0	3
Sandy Red Clay	3	25
Sugar Sand	25	45
Sandy Red Clay	45	60
Soft Blue Clay	60	200
White Coarse Sand	200	220
Soft Blue clay	220	340
Hard Blue clay	340	400
Fine White Sand	400	420
Hard Blue clay	420	460
Good Water Sand	460	500

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: Conrad Malley

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.

Print Name of Responsible Licensee and License No. Dwight Mason 0-009 615/06

Date

Signature of Licensee Dwight Mason

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 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Jackson
 Permit #: 0-209
 Driller: R. Mason
 Date completed: 6/5/06
Copy information from back on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: J-422
 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>Conrad Malley</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1283 East Bayou</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Vancelease, Ms</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	_____ 1/4 Sec <u>11</u> T <u>6S</u> R <u>8W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>5</u> Miles <u>NW</u> of <u>Vancelease</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>6/5/06</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>15</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6/5/06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>75</u> Feet Below Land Surface	Other (specify): <u>Plumb bob</u>
Pumping Water Level (B): <u>75</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>N/A</u> feet
Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface	Well yielded <u>15</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>0</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

Form: OLWR-SWR-1B

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