

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961-5210
(601)961-5228 (fax)

County: Bolivar
Permit #: GW43413
Driller: Cook Drilling Co. Inc.
Date drilling completed: 5-6-09

For Office Use Only:
Aquifer: _____
Well #: K111
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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Mike + Keith Grippin</u>	Latitude: <u>33° 44' 35"</u> Longitude: <u>90° 52' 26.3"</u>
Mailing Address: <u>3174 Hwy 8 west</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> ^{21"} _{16"}
<u>Cleveland Ms. 38732</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NE 1/4 SE 1/4 Sec 24 Twn 22N Rng 7W</u>
Telephone No. <u>(662) 846-7300</u>	Distance Direction Nearest Town <u>5</u> Miles <u>W</u> of <u>Cleveland</u>
Well / Borehole Data	
Date drilling started: <u>5-6-09</u> Date drilling completed: <u>5-6-09</u> Hole depth: <u>120</u> Hole diameter: <u>26"</u>	
Location of the source of any surface water used for drilling: <u>Irrigation 1/4 mi away (W)</u>	
Method of dosing and volume of Chlorine used in drilling and development: _____	
Logs run (circle all applicable): <u>No log run</u> 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 ___ <u>Irrigation</u> ___ Fish Culture ___ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>29'</u> feet above or below (circle one) land surface Date measured: <u>5-6-09</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>120</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix	
Casing length: <u>80</u> feet Casing diameter: <u>16"</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>40</u> feet Screen diameter: <u>16"</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>50</u> inches Setting depth: From <u>80</u> feet to <u>120</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. If telescoped or more than one screen, describe on next page	

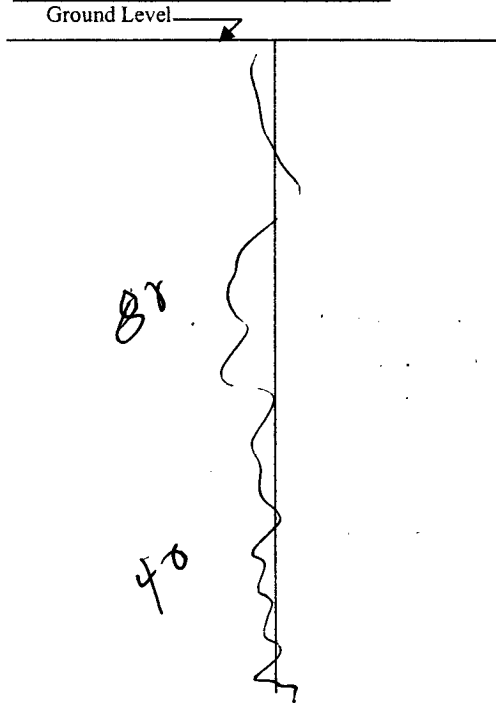
Form: OLWR-SWR-1A (04/08)

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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

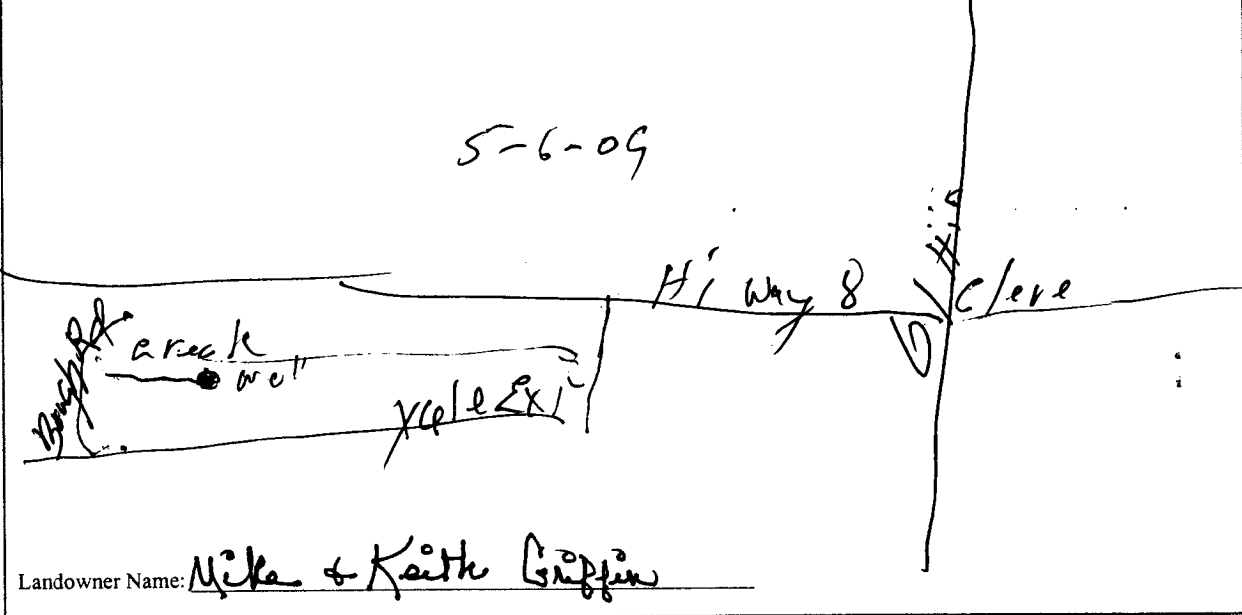
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
clay	Ground Level	35
Sand/fin	35	60
sand & gravel	60	120

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.



Form: OLWR-SWR-1A (04/08)

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.

Cook Drilling 289 ^{Cook} 5-7-09 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 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

County: DeLivar
 Permit #: _____
 Driller: Cook Drilling Co. Inc.
 Date completed: 5-7-09
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: K111
 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>Mike + Keith Griffin</u>	Latitude: <u>33-44-35</u> Longitude: <u>90-52-263</u>
Mailing Address: <u>3174 Hwy 8 West</u>	Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/> ^{21"} USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Cleveland Ms. 38732</u> City State Zip Code	<u>NE 1/4 SE 1/4 Sec 24 T22N R 7W</u>
Telephone No. <u>662) 846-7300</u>	Distance Direction Nearest Town <u>5 Miles W of Cleveland</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <u>Turbine</u> <input checked="" type="checkbox"/>	Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>5-7-09</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2400</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input checked="" type="checkbox"/>
Static Water Level (A): <u>29</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Cook Drilling Co. Inc. 289 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)

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