

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 #: F-37
L. S. Elevation: _____
E-log #: _____

County: Quitman
Permit #: 0368
Driller: Will Young
Date drilling completed: 7/21/07

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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Larry McAlexander</u>	Latitude: <u>34° 19' 43"</u> Longitude: <u>90° 12' 38"</u>
Mailing Address: <u>P.O. Box 1041</u> <u>Oxford, MS 38655</u>	Method of Lat/Long (circle one): Conventional Survey, <u>25</u> USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City _____ State _____ Zip Code _____	NE NW ¹ / ₄ Sec. <u>12</u> Twn. <u>9S</u> Rng. <u>10W</u>
Telephone No. <u>(662) 816-2308</u>	Distance _____ Direction _____ Nearest Town _____ <u>5</u> Miles <u>NE</u> of <u>Marks, MS</u>
Well / Borehole Data	
Date drilling started: <u>7/21/07</u> Date drilling completed: <u>7/21/07</u> Hole depth: <u>120</u> Hole diameter: <u>16"</u>	
Location of the source of any surface water used for drilling: <u>Ditch</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) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation _____ <u>Fish Culture</u> _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>20</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>7/21/07</u>	
Method of Measurement (circle one) steel tape electric tape air line other: _____	
Well depth: <u>120</u> Well grouted to a depth of <u>All</u> feet Type of grout (circle one): Neat Cement Bentonite Mix	
Casing length: <u>80</u> feet Casing diameter: <u>12"</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>40</u> feet Screen diameter: <u>12"</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.050</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. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

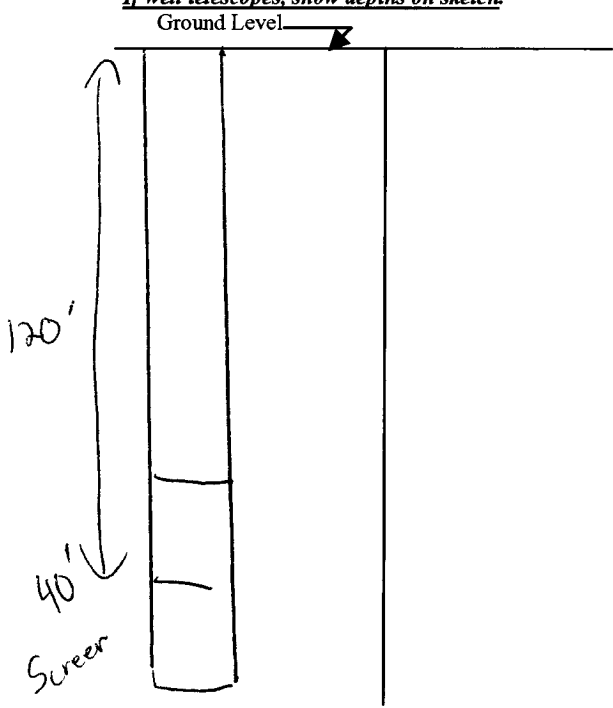
RECEIVED
AUG 28 2007
BY: OLWR

OW42126

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

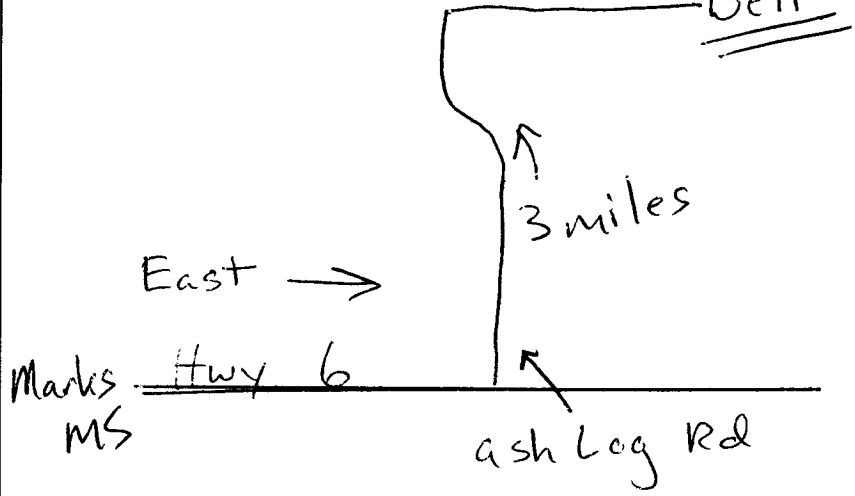
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Gumbo/Clay	0	32
Fine Sand	33	39
Coarse Sand	40	68
Coarse Sand + Gravel	69	115
Lignight	116	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.



Landowner Name: _____

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

Joel Jumper 0368
 Print Name of Responsible Licensee and License No.

7-21-07
 Date

Joel Jumper
 Signature of Licensee

RECEIVED
 AUG 28 2007
 BY: OLWA

GW42126

STATE WELL REPORT

County: Quitman
 Permit #: 0368
 Driller: Will Young
 Date completed: 7/21/07
Copy information from block on Part 1

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)

For Office Use Only:
 Aquifer: _____
 Well #: F-37
 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>Larry McAlexander</u>	Latitude: <u>34° 19.43</u> Longitude: <u>90° 12.38</u>
Mailing Address: <u>P.O. Box 1041</u> <u>Oxford, MS 38655</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	_____ ¼ _____ ¼ Sec _____ T _____ R _____
Telephone No. (662) <u>816-2308</u>	Distance Direction Nearest Town <u>5</u> Miles <u>NE</u> of <u>Marks, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine <u>Natural Gas</u>
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>7/23/07</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>2500</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7/23/07</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>20</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>45</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>25</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>2300</u> Gallons Per Minute	
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.

Joel Jumper 0368 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

RECEIVED
 AUG 28 2007
 BY: OLWR