

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: Panola
 Permit #: GLW-47264
 Driller: Joel Jumper
 Date drilling completed: 7-1-13

For Office Use Only:
 Aquifer: L 44
 Well #: _____
 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>Bob Cartwright</u>	Latitude: <u>34° 20' 41.7"</u> Longitude: <u>90° 14' 29"</u>
Mailing Address: <u>11861 East Shelby Drive</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Collinsville TN 38017</u>	USGS quad, <u>14W 085 Rng 086W</u>
City State Zip Code	Distance <u>4</u> Miles <u>W</u> of <u>Batesville</u>
Telephone No. () _____	

Well / Borehole Data

Date drilling started: 7-1-13 Date drilling completed: 7-1-13 Hole depth: 83 Hole diameter: 28 in

Location of the source of any surface water used for drilling: Nearest Well

Method of dosing and volume of Chlorine used in drilling and development: _____

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: _____

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

Static Water Level: 3 feet above of below (circle one) land surface Date measured: 7-2-13

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

Well depth: 83 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 43 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: 0.50 inches Setting depth: From 43 feet to 83 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***

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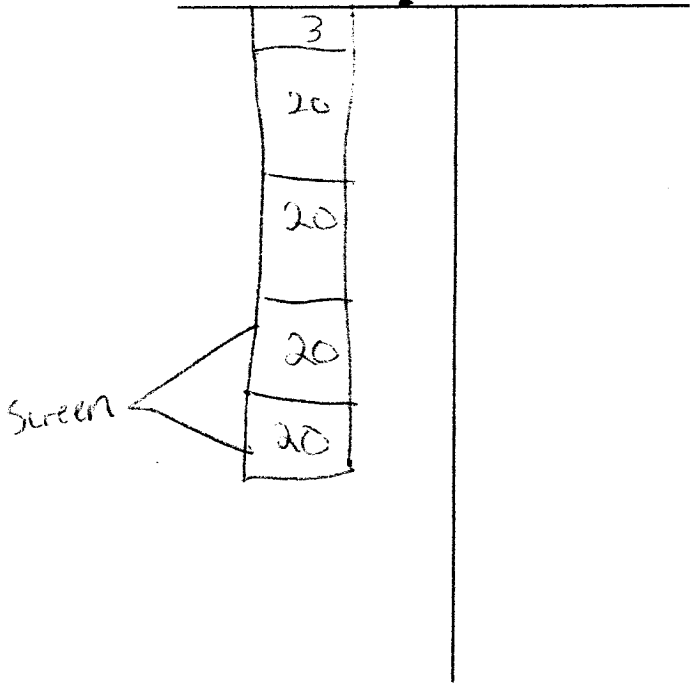
JUL 31 2013

BY: OLWR

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level \rightarrow

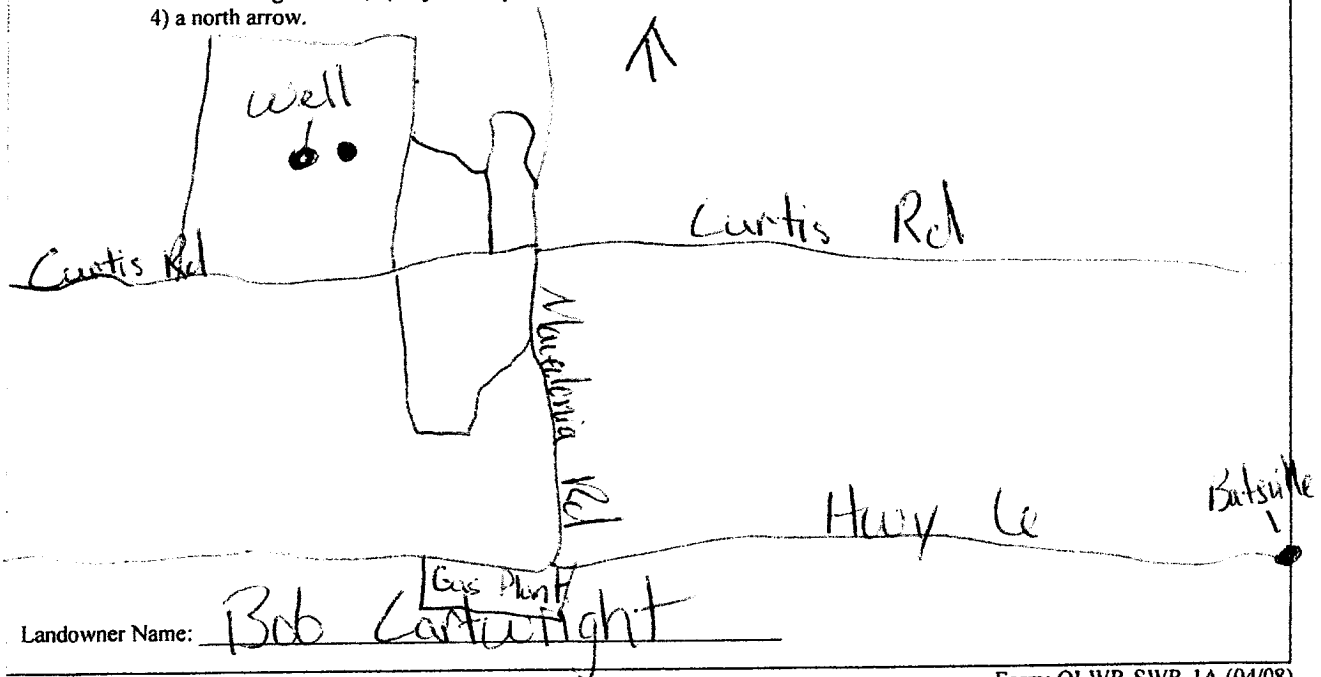


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
sand	Ground Level	20
gravel	20	40
gravel	40	60
gravel	60	80
gravel	80	83

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: Bob Cartwright

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.

Joel Jumper 5317
Print Name of Responsible Licensee and License No.

9-4-13
Date

Paul Jumper
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 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: LA4

Aquifer: _____

County: PANOLA
 Permit #: GW-47264
 Driller: JOEL JUMPER
 Date completed: 7-1-13
 Copy information from block on Part 1

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>BOB CARTWRIGHT</u>	Latitude: <u>34° 20' 41.7"</u> Longitude: <u>90° 04' 2.9"</u>
Mailing Address: <u>11861 East Shelby DR</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>COLLIERVILLE</u> <u>TN</u> <u>38017</u>	<u>NW</u> 1/4 <u>SE</u> 1/4, Sec <u>32</u> T <u>08S</u> R <u>08W</u>
City State Zip Code	<u>SE</u> Miles <u>NW</u> of _____
Telephone No. <u>(901) 493-0292</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 7-30-13 Rated Pump Capacity: UNKNOWN Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement EXISTING PUMP

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 80 Setting Depth: 50 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 3 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: N/A Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter installed by: _____

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

DAVID P. HOLT 0-752P 8-23-13 _____

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

13-0154