

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: Humphreys
Permit #: GW-45564 ✓
Driller: Willie Bryant
Date drilling completed: 11-20-11

For Office Use Only:
Aquifer: C 194
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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Earl Shanklin</u>	Latitude: <u>33° 15' 45" N</u> Longitude: <u>90° 33' 18" W</u>
Mailing Address: <u>20 Shanklin Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, _____
<u>Isola</u> MS <u>38754</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS ✓
City State Zip Code	<u>NW 1/4 SW 1/4</u> Sec <u>6</u> ✓ Twn <u>16 N</u> Rng <u>3 W</u>
Telephone No. <u>(662) 836-4922</u>	Distance <u>2</u> Miles Direction <u>E</u> of Nearest Town <u>Isola</u>
	<u>Shanklin Rd.</u>

Well / Borehole Data

Date drilling started: 11-20-11 Date drilling completed: 11-20-11 Hole depth: 102' Hole diameter: 12 3/4"

Location of the source of any surface water used for drilling: Nearby ditch

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: 20 feet above or (below) (circle one) land surface Date measured: 11-20-11

Method of Measurement (circle one) steel tape electric tape air line other: Rope & weight

Well depth: 102' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 62 feet Casing diameter: 6 inches Type of casing: PVC 160

Screen length: 40 feet Screen diameter: 6 inches Type of screen: PVC slotted

Screen slot size: .032 inches Setting depth: From 62 feet to 102 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: - 0 - feet. *If telescoped or more than one screen, describe on next page*

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

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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)

For Office Use Only:

Aquifer: _____
 Well #: C194
 Elevation: _____

County: Humphreys
 Permit #: GW-45564
 Driller: Willie Bryant
 Date completed: 11-20-11
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>Earl Shanklin</u>	Latitude: <u>33° 15.45' N</u> Longitude: <u>090° 33.18' W</u>
Mailing Address: <u>20 Shanklin Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Isola</u> <u>MS</u> <u>38754</u>	USGS quad _____, <u>Hand-held GPS</u> , Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 SW 1/4 Sec 6 T 16N R 3W</u>
Telephone No. <u>(662) 836-4922</u>	Distance Direction Nearest Town
	<u>2</u> Miles <u>E</u> of <u>Isola</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>11-20-11</u>	Setting Depth: <u>70'</u> feet
Rated Pump Capacity: <u>175-200</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level
Circle one	Circle one
Date Well Tested: <u>12-10-11</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>20</u> Feet Below Land Surface	Other (specify): <u>Rope + weight</u>
Pumping Water Level (B): <u>41</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>21</u> Feet Below Land Surface	Well yielded <u>180</u> GPM with a drawdown of
Test Pumping Rate: <u>180</u> Gallons Per Minute	<u>21</u> feet after <u>5</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>5</u> hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Willie L. Bryant 0-639 Willie L. Bryant
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-10 (10/09)
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