

# 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)

Count: CHICKASAW  
Permit #: \_\_\_\_\_  
Driller: MARKS & MARKS WELL SERVICE INC  
Date drilling completed: 7-20-05

### For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: A-26  
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>JAMES BERRY</u>	Latitude: <u>34° 02' 23"</u> Longitude: <u>89° 04' 13"</u>
Mailing Address: <u>SUITE 2000</u> <u>REPUBLIC CENTER</u> <u>CHATTANOOGA TENN. 37450</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SE 1/4 NE 1/4 Sec 15 Twn 12S Rng 2E</u>
Telephone No. <u>(423) 756 2771</u>	Distance Direction Nearest Town <u>3</u> Miles <u>WEST</u> of <u>HOWLER</u>
Well / Borehole Data	
Date drilling started: <u>7/20/05</u> Date drilling completed: <u>7/22/05</u> Hole depth: <u>310</u> Hole diameter: <u>8"</u>	
Location of the source of any surface water used for drilling: <u>TOWN OF HOWLER</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 <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<b><i>If drilling is not related to water well construction, skip the remainder of this block</i></b>	
Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation <input checked="" type="checkbox"/> Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>112</u> feet above or below (circle one) land surface Date measured: _____	
Method of Measurement (circle one) steel tape <u>electric tape</u> air line other: _____	
Well depth: <u>310</u> Well grouted to a depth of <u>50</u> feet Type of grout (circle one) <u>Neat Cement</u> Bentonite Mix	
Casing length: <u>260</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>50</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.012</u> inches Setting depth: From <u>260</u> feet to <u>310</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. <b><i>If telescoped or more than one screen, describe on next page</i></b>	

Form: OLWR-SWR-1A



# 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: CHICKASAW  
 Permit #: \_\_\_\_\_  
 Driller: PARKS PUMPS WELL SERVICE INC  
 Date completed: 7-21-05  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: A-26  
 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>JAMES BERRY</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>SUITE 2000</u> <u>REPUBLIC CENTER</u> <u>CHATTANOOGA TN 37450</u> City State Zip Code	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>S1E 1/4 NE 1/4 Sec 15 T12S R2E</u>
Telephone No. ( ) _____	Distance Direction Nearest Town <u>3 Miles WEST of HOULKA</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: _____	Setting Depth: <u>210</u> feet
Rated Pump Capacity: <u>40</u> Gallons Per Minute	Number of Stages: <u>24</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7/21/05</u>	Air Line <input type="radio"/> <input checked="" type="radio"/> <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>112</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>180</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>68</u> Feet Below Land Surface	Well yielded <u>40</u> GPM with a drawdown of
Test Pumping Rate: <u>40</u> Gallons Per Minute	<u>6.8</u> feet after <u>2</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>2</u> hours	

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

Rayburn Parks 0-414 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer