

County: Benton  
 Permit #: MS 600-16059  
 Driller: Herndon Well  
 Date drilling completed: 6/2004

**State Well Report**  
**Part I - 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 #: J00022  
 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.*

<p><b>Information on Well Owner</b>          (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Town of Falkner</u>          Mailing Address: <u>P O Box 117</u>  <u>Falkner, MS 38629</u>          City State Zip Code          Telephone No. ( ) _____</p>	<p><b>Well or Borehole Location</b></p> <p>Latitude: <u>34° 50' 43"</u> Longitude: <u>89° 05' 35"</u>          Method of Lat/Long (circle one): Conventional Survey,          USGS quad, Hand-held GPS, Survey-grade GPS  <u>SW 1/4 SE 1/4 Sec 4 Twn 35 Rng 2E</u>          Distance Direction Nearest Town          Miles of _____  <u>Blackjack #2</u></p>
---	--

**Well / Borehole Data**

Date drilling started: 5/2004 Date drilling completed: 6/2004 Hole depth: 810' Hole diameter: 24"  
 Location of the source of any surface water used for drilling: City Water  
 Method of dosing and volume of Chlorine used in drilling and development: 50# GRANULAR  
 Logs run (circle all applicable): No log run  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_  
 Name of organization running log(s): MSG  
 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: 250 feet above or below (circle one) land surface Date measured: 07/26/04  
 Method of Measurement (circle one) steel tape  electric tape \_\_\_\_\_ air line \_\_\_\_\_ other: \_\_\_\_\_  
 Well depth: 782 Well grouted to a depth of 720 feet Type of grout (circle one)  Neat Cement  Bentonite  Mix  
 Casing length: 721 feet Casing diameter: 10 inches Type of casing: Black Steel  
 Screen length: 61 feet Screen diameter: 6 inches Type of screen: SS  
 Screen slot size: .020 inches Setting depth: From 721 feet to 782 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: 658 feet *If telescoped or more than one screen, describe on next page*

JCC 2004

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)
	Ground Level	
Red Clay	0	10
Red Sand	10	40
White Sand + Clay	40	120
White Sand	120	310
Blue Clay Shale	310	567
Sand + Hard Shale	567	595
Blue Clay	595	620
Blue Clay + Sand	620	650
Sand + Clay + Pea Gravel	650	700
Clay + Sand	700	727
Sand + Clay + Pea Gravel	727	780
Blue Clay + Sand	780	817
Rock 2" @ 530'		
Rock 1 1/2" @ 535'		
Rock 1" @ 548'		
Rock 1" @ 567'		
Rock 1 1/2" @ 620'		
Rock 1" @ 642'		
Rock 2" @ 670'		
Rock 1" @ 740'		

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.

Richard M. Herndon 0-587 12/8/2004 Richard M. Herndon

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

### STATE WELL REPORT

County: Benton  
 Permit #: MS-GW-16059  
 Driller: Herndon Well  
 Date completed: 12/3/2004  
*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 #: J0022  
 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>Town of Falkner</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 117</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Falkner, MS 38629</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>1/4 1/4 Sec 4 T35 R2E</u>
Telephone No. ( ) _____	Distance Direction Nearest Town
	_____ Miles _____ of _____

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>8/15/04</u>	Setting Depth: <u>350</u> feet
Rated Pump Capacity: <u>250</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10/27/04</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>250</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>302</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>52</u> Feet Below Land Surface	Well yielded <u>287</u> GPM with a drawdown of
Test Pumping Rate: <u>250</u> Gallons Per Minute	<u>52</u> feet after <u>8</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>8</u> hours	

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

Richard M. Herndon 0-587  
 Print Name of Pump-Installer and License No. (if applicable)

Richard M. Herndon  
 Signature of Pump Installer