

County: Bolivar  
 Permit #: GW44267  
 Driller: \_\_\_\_\_  
 Date drilling completed: 10/31/09

**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)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: A174  
 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>A.B. Smith Jr</u>	Latitude: <u>34° 07' 14"</u> Longitude: <u>90° 48' 29"</u>
Mailing Address: <u>P.O. Box 2083</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> , Survey-grade GPS
<u>West Memphis Ark. 72303</u> City State Zip Code	<u>NE 1/4 NW 1/4 Sec 22 Twn 26N Rng 6W</u>
Telephone No. ( ) _____	Distance _____ Direction _____ Nearest Town _____ Miles of

**Well / Borehole Data**

Date drilling started: 10-31 Date drilling completed: 10-31 Hole depth: 120 Hole diameter: 18

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: 13 feet above or below (circle one) land surface Date measured: 10-31

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

Well depth: 120 Well grouted to a depth of 120 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 80 feet Casing diameter: 12 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 12 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 80 feet to 120 feet

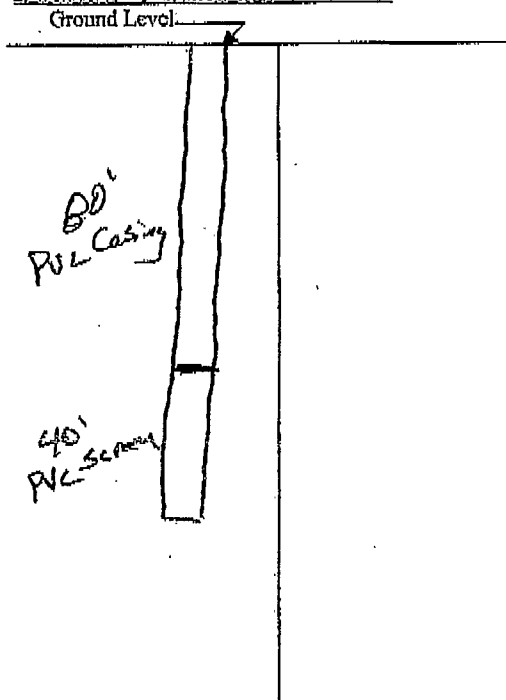
Type of completion (circle all applicable): (Gravel packed) Undertreamed Telescoped Open hole Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: NA feet. *If telescoped or more than one screen, describe on next page*

The sketch below only required for water wells

If well telescopes, show depths on sketch.

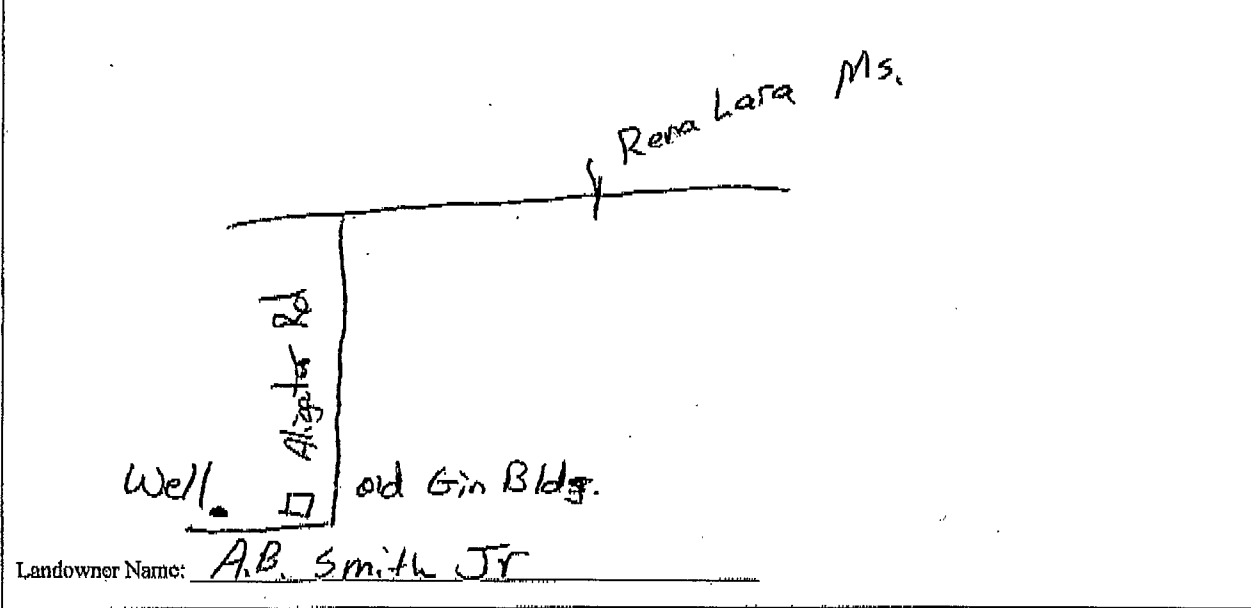


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Clay	0	15
Fine Sand	15	30
Coarse Sand + Gravel	30	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.



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.

\_\_\_\_\_  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee