

County: Leflore  
 Permit #: \_\_\_\_\_  
 Driller: MS. OFFICE OF GEOLOGY  
 Date drilling completed: 8-7-08

**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)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: F-193  
 L. S. Elevation: 118'  
 E-log #: F-0193

*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>Tackett Farms</u>	Latitude: <u>33° 35' 35"</u> Longitude: <u>90° 25' 33"</u>
Mailing Address: <u>23939 Cty Rd 523</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <del>Hand-held GPS</del> , Survey-grade GPS
<u>Schlater MS 38952</u>	NW 1/4 NE 1/4 Sec <u>20</u> Twn <u>20N</u> Rng <u>2W</u>
City State Zip Code	Distance _____ Miles Direction _____ of Nearest Town _____
Telephone No. <u>(662) 254-7322</u>	

**Well / Borehole Data**

Date drilling started: 8/5/08 Date drilling completed: 8/7/08 Hole depth: 300' Hole diameter: 4 3/4"

Location of the source of any surface water used for drilling: Panel on Site

Method of dosing and volume of Chlorine used in drilling and development: 1 gal chlorine bleach / 1000 gal water

Logs run (circle all applicable): No log run  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_

Name of organization running log(s): MDEQ / Geology

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: \_\_\_\_\_ feet above or below (circle one) land surface Date measured: \_\_\_\_\_

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

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

Casing length: \_\_\_\_\_ feet Casing diameter: \_\_\_\_\_ inches Type of casing: \_\_\_\_\_

Screen length: \_\_\_\_\_ feet Screen diameter: \_\_\_\_\_ inches Type of screen: \_\_\_\_\_

Screen slot size: \_\_\_\_\_ inches Setting depth: From \_\_\_\_\_ feet to \_\_\_\_\_ 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*

MDEQ - OLW Tackett #4

Form: OLWR-SWR-1A  
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 AUG 19 2008  
 BY: OLWR

F-193

The sketch below only required for water wells

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

If well telescopes, show depths on sketch.

Ground Level

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Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Clay	0	38
Sand & Gravel	38	50
Sand	50	70
Sand & Gravel	70	90
Sand & Clay (Striped)	90	130
Sand	130	138
Pea Gravel	138	140
Sand	140	165
clay	165	<del>170</del> 20770
Sand	170	242
clay	242	300

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.

ARCHIE MCKENZIE 0-555

8-15-08

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee