

## Well Driller Report and Well Log

County: JACKSON  
 Permit #: MS-GW-16625 ✓  
 Driller: LAYNE CHRISTENSEN  
 Date drilling completed: 01/21/10

Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P. O. Box 2309  
 Jackson, MS 39225-2309  
 (601) 961-5210  
 (601) 354-6938 (fax)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: C145  
 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>JACKSON COUNTY UTILITY AUTH</u>	Latitude: <u>N30° 38' 58"</u> Longitude: <u>W88° 32' 7"</u>
Mailing Address: <u>1225 JACKSON AVENUE</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>PASCAGOULA</u> MS <u>39567</u>	<input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-Held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip Code	<input checked="" type="checkbox"/> NW ¼ <input checked="" type="checkbox"/> NE ¼ Sec <u>36</u> Twn <u>45</u> Rng <u>6W</u>
Telephone No. ( <u>228</u> ) <u>762-0119</u>	<input checked="" type="checkbox"/> SW <input checked="" type="checkbox"/> SE Direction: <u>EAST</u> Nearest Town: <u>WADE</u>
	Distance: <u>1</u> Miles

**Well / Borehole Data**

Date drilling started: 11/18/09 Date well drilling completed: 01/21/10 Hole Depth: 441' Hole diameter: 17"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: N/A

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

Name of organization running log(s): LAYNE CHRISTENSEN COMPANY, JACKSON, MS

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 flowing, method of flow regulation: Valve  -- Other (describe) --

Static Water Level: 3.8 feet above or  below (circle one) land surface Date measured: 01/21/10

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

Well depth: 441' Well grouted to a depth of: 310' Type of grout (circle one):  Neat Cement  Bentonite  Mix

Casing length: 310 feet Casing diameter: 12 inches Type of casing: STEEL

Screen length: 70 feet Screen diameter: 8 inches Type of screen: STAINLESS STEEL

Screen slot size: 0.020 inches Setting depth: From 320 feet to 390 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: 219 feet. If telescoped or more than one screen, describe on next page.

Form: OLWR-SWR-1A

MAR 09 2012

BY: OLWR



Hwy 614

# 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 39225-2309  
(601) 961-5210  
(601) 354-6938 (fax)

### For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #:   CIA5    
Elevation: \_\_\_\_\_

County:   JACKSON    
Permit #:   MS-GW-16625    
Driller:   LAYNE CHRISTENSEN    
Date Completed:   09/17/10  

*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>  JACKSON COUNTY UTILITY AUTH  </u>	Latitude: <u>  N 30° 38' 58"  </u> Longitude: <u>  W 88° 32' 7"  </u>
Mailing Address: <u>  1225 JACKSON AVENUE  </u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/>
<u>  PASCAGOULA  </u> <u>  MS  </u> <u>  39567  </u>	USGS quad <input checked="" type="checkbox"/> Hand-Held GPS <input type="checkbox"/> Survey-grade GPS <input type="checkbox"/>
City State Zip Code	<u>  NW 1/4 NE 1/4  </u> Sec <u>  1  </u> T <u>  55  </u> R <u>  6W  </u>
Telephone No. ( <u>  228  </u> ) <u>  762.0119  </u>	<u>  SW SE  </u> <u>  36  </u> <u>  AS  </u>
	Distance Direction Nearest Town
	<u>  1  </u> Miles <u>  EAST  </u> of <u>  WADE  </u>

Pump Type	Power Type
Circle One	Circle One
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <b>Turbine</b> <input checked="" type="checkbox"/>	<b>Electric Motor</b> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): <u>  --  </u>
Other (specify): <u>  --  </u>	Horse Power Rating of Motor: <u>  100  </u>
Date Pump Installed: <u>  09/17/2010  </u>	Setting Depth: <u>  110  </u> feet
Rated Pump Capacity <u>  900  </u> Gallons Per Minute	Number of Stages: <u>  4  </u>

Pump Test Data	Method of Measuring Water Level
	Circle One
Date Well Tested: <u>  12/3/2010  </u>	Air Line <input type="checkbox"/> <b>Electric Measuring Line</b> <input checked="" type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>  7  </u> Feet Below Land Surface	Other (specify): <u>  --  </u>
Pumping Water Level (B): <u>  34  </u> Feet Below Land Surface	For flowing well, measured shut in head: <u>  --  </u> feet
Drawdown [(B) - (A)]: <u>  27  </u> Feet Below Land Surface	Well yielded <u>  1242  </u> GPM with a drawdown of
Test Pumping Rate: <u>  1242  </u> Gallons Per Minute	<u>  27  </u> feet after <u>  8  </u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>  8  </u> hours	

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

**RECEIVED**

I hereby certify that the above statements are true to the best of my knowledge.  
**DAVE COOK** 692   [Signature]   BY: **OLWR**  
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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