	1		En Office H. O. I	
County: HANCOCK		Report and Well Log	For Office Use Only: Aquifer:	
Permit #:		nent of Environmental Quality d and Water Resources	Well #: <u>G169</u>	
P.		O. Box 2309		
		, MS 39225-2309 01) 961-5210	L. S. Elevation:	
		354-6938 (fax)	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 DIAMONDHEAD WATER & SEWER DIST.		Latitude: 30 ° 24 ' 53"	Longitude: 89 ° 21 ' 🖧 "	
Mailing Address: 4425 PARK TEN DRIVE		Method of Lat/Long (circle one)		
		USGS quad, (Hand-Held GPS,) Survey-grade GPS		
DIAMONDHEAD MS 39525		NE 1/ NW 1/ Sec 36		
City State Zip Code			75	
Telephone No. (228) 255-5813		Distance Direction 2000' Miles NORTH of		
Well / Borehole Data				
Date drilling started: 10/30/08 Date well drilling completed: 1/26/09 Hole Depth: 1740' Hole diameter: 23"				
Location of the source of any surface water used for drilling: DIAMONDHEAD WATER & SEWER DISTRICT Method of dosing and volume of Chlorine used in drilling and development: 50 PPM				
Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: Name of organization running log(s): LAYNE-CENTRAL, 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: 14 feet above or below (circle one) land surface Date measured: 2/18/09				
Method of Measurement (circle one) steel tape electric tape air line other: -				
Well depth: 1740' Well grouted to a depth of: 1625' Type of grout (circle one): Neat Cement Bentonite Mix				
Casing length: 1625 feet		6" - 18 inches Type of		
Screen length: 100 feet	Screen diameter:	10 inches Type of		
Screen slot size: 0.025 inches		etting depth: From 1635	feet to 1735 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: 1522 feet. If telescoped or more than one screen, describe on next page.				

•

Form: OLWR-SWR-1A

JUR 1**5 200**9 BY: OLWR The sketch below only required for water wells.

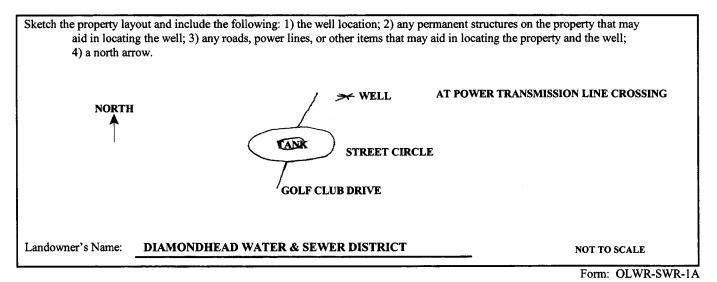
If well telescopes, show depths on sketch.

Ground Level

Description of Formations Encountered	From	То
TOP SOIL	0	5
RED SAND	5	90
SAND & CLAY STREAKS	90	160
CLAY	160	200
SAND	200	350
SANDY CLAY	350	420
SAND	420	470
SHALE & SAND STREAKS	470	605
SAND	605	790
HARD SHALE	790	880
SAND	880	935
SHALE & LIME STREAKS	935	1150
SANDY SHALE & LIME	1150	1360
HARD SHALE & LIME	1360	1460
SAND & SHALE	1460	1570
HARD SHALE & LIME	1570	1630
SAND	1630	1750
SANDY SHALE & LIME	1750	1825

<u>Description of formations encountered must be provided for all</u> wells and boreholes, unless specifically exempted by regulations.

If more than one screen, show location of each on sketch.



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.

DAVE COOK

692

Signature of Licensee

Print Name of Responsible Licensee and License No.

Date

RECEIVED

JUN 15 2009

BY: OLWR

WELL #4	State Well Report				
	Part 2 np Installer's Completion Report i Department of Environmental Quality Aquifer:				
	ce of Land and Water Resources				
Driller: LAYNE-CENTRAL	P. O. Box 2309 Jackson, MS 39225-2309 Well #: <u>Correction</u>				
Date Completed: 1/26/09	(601) 961-5210 (601) 354-6938 (fax) Elevation:				
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 Departmen Well Owner Information	t at the above address within 30 days of well completion. Well Location				
Owner Name DIAMONDHEAD WATER & SEWER	t DIST. Latitude: 30° 24' (중 3 Longitude: 89° 21' (C역				
Mailing Address: 4425 PARK TEN DRIVE	Method of Lat/Long (check one): Conventional Survey				
	USGS quad Hand-Held GPS 🖌 Survey-grade GPS				
DIAMONDHEAD MS 395	25 NE 4 NW 4 Sec 36 T 7S R 14W				
City State Z	ip Code Distance Direction Nearest Town				
Telephone No. (228) 255-5813	2000' Miles NORTH of E.T. GOLF CLUB DR				
Pump Type Circle One	Power Type Circle One				
Air Lift Jet Subm	ersible Diesel Engine Gasoline Engine Natural Gas				
Bucket Piston Tur	Dine Electric Motor Hand Tractor PTO				
Centrifugal Rotary Flowin	g Well Windmill Other (specify):				
Other (specify):	Horse Power Rating of Motor: 100				
Date Pump Installed: 4/9/2009	Setting Depth: 115 feet				
Rated Pump Capacity 1820 Gallons P	er Minute Number of Stages: <u>3</u>				
Pump Test Data	Method of Measuring Water Level Circle One				
Date Well Tested: 7/23/09	Air Line Electric Measuring Line Steel Tape				
Static Water Level (A): 18 Feet Below Land	Surface Other (specify):				
Pumping Water Level (B): 55 Feet Below Land	Surface				
Drawdown [(B) - (A)]: <u>37</u> Feet Below Land	Surface For flowing well, measured shut in head: feet				
Test Pumping Rate: 1820 Gallons Per	Minute Well yielded 1820 GPM with a drawdown of				
Duration of Pump Test (minimum 4 hours): 4 hours 37 feet after 4 hours of pumping					
I hereby certify that the above statements are true to the best of my knowledge.					
DAVE COOK 692 Dave Cone					
Print Name of Pump Installer and License No. (if applic.	able) Signature of Pump Installer				

¥

FEB 2 5 2011' BY: OLWR