WELL #5							
County: HANCOCK	Well Driller	Report and Well Log	For Office Use Only: Aquifer:				
MANCOCK	Mississippi Departm	ent of Environmental Quality					
Permit #: MS-GS-16561	1	d and Water Resources O. Box 2309	Well #:				
Driller: LAYNE-CENTRAL		, MS 39225-2309	L. S. Elevation:				
	,	1) 961-5210					
Date drilling completed: 4/14/09	(601) 354-6938 (fax)		E-Log #:				
State Law requires that this report b Department at the above address wi		4 2	•				
<b>Information on Well Own</b> (Landowner if borehole is not for a		Well or Bor	ehole Location				
Owner Name DIAMONDHEAD WATER	·	Latitude: N 30° 24 ' (5 巻 "	Longitude: W 89° 24' ' \( 7 \) "				
Mailing Address: 4425 PARK TEN DRIV	<u> </u>	Method of Lat/Long (circle one)					
		USGS quad, Hand-Held					
	MS 39525	NE 1/4 SW 1/4 Sec 25	Twn 7S Rng 14W				
City	State Zip Code	Distance Directi	on Nearest Town				
Telephone No. ( 228 ) 255-5813	······	1000' Miles SOUTH of KAPALAMA DR.					
	Well / Bor	ehole Data					
Date drilling started: 2/23/09 Date	well drilling completed:	4/14/09 Hole Depth:	1835' Hole diameter:				
Location of the source of any surface water us	sed for drilling: N/A						
Method of dosing and volume of Chlorine use	ed in drilling and develo	opment: 50 PPM					
Logs run (circle all applicable): No log ru	ın Electric Gamma	Ray Density Sonic N	leutron Other:				
Name of organization running log(s): LAY	YNE-CENTRAL, PEN	SACOLA, FL					
Purpose of borehole (check one): Water V	Well 🗸 Geotechnic	cal/Geological Investigation	Ground Source Heat Pump				
Seismic	Survey Othe	(describe)					
If drilling is not related to water well construction, skip the remainder of this block.							
Purpose of Well (check one): Home In	dustrial Public Sup	oply ✓ Irrigation Fish Cul	ture Other:				
If flowing, method of flow regulation: Valve Other (describe)							
Static Water Level: 6 feet above or below (circle one) land surface Date measured: 4/18/09							
Method of Measurement (circle one)	steel tape elec	ctric tape air line othe	er: PIEZO TUBE				
Well depth: 1835' Well grouted to a depth of: 1706' Type of grout (circle one): Neat Cement Bentonite Mix							
Casing length: 1706' feet Ca	asing diameter: 18"	SWEDGED TO 16 inches	Гуре of casing: STEEL				
Screen length: 120' feet So	creen diameter:	10" inches	Type of screen: STAINLESS				
Screen slot size: 0.025" inches	S	etting depth: From 1718	feet to 1838 feet				

Gravel Packed

1580

Other (describe):

feet.

Telescoped

Underreamed

Open Hole

Type of completion (circle all applicable):

Top of lap pipe or reduction in casing:

If telescoped or more than one screen, describe on next page.

Form: OLWR-SWR-IA

Natural Development

## 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.

Ground Level	Description of Formations Encountered	From	То
	TOP SOIL	0	5
	SAND & GRAVEL	5	90
	SANDY CLAY	90	176
	SANDY SHALE	176	237
	SAND	237	335
	SHALE	335	390
	SANDY SHALE	390	430
	HARD SHALE	430	590
	SAND	590	725
	SANDY SHALE	725	830
	SHALE	830	1370
	FINE SAND & SHALE	1370	1490
	SANDY SHALE	1490	1590
	FINE SAND	1590	1655
	SANDY SHALE	1655	1690
	SAND	1690	1845
	SHALE	1845	1875
	·		

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	У
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.	





NOT TO SCALE

Landowner's Name:

DIAMONDHEAD WATER & SEWER DISTRICT

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.

DAVE COOK

692

Print Name of Responsible Licensee and License No.

Date

Signature of Licensed

FEB 2 5 201°

BY: OLWR

## State Well Report

	State	wen Keport				
County: HANCOCK	Pump Installa	Part 2 r's Completion Report	For (	Office Use Only:		
	Mississippi Departme	ent of Environmental Qua	ality Aquifer:			
Permit #: MS-GW-16561		and Water Resources D. Box 2309		<del></del>		
Driller: LAYNE-CENTRAL	Driller: LAYNE-CENTRAL Jackson,			6171		
Date Completed: 4/14/09	•	) 961-5210 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 Department at the above address within 30 days of well completion.  Well Owner Information  Well Location						
Owner Name <b>DIAMONDHEAD WATE</b>	Latitude: N 30° 24'		:: W 89° 24' ∂ 7			
Mailing Address: 4425 PARK TEN DRI	VE	Method of Lat/Long (check one): Conventional Survey				
		USGS quad ✓ Hand-Held GPS Survey-grade GPS				
DIAMONDHEAD	MS 39525	NE 1/4 SW 1/4 Sec	25 T	7S R 14W		
City	State Zip Code	SE Distance	Direction	Nearest Town		
Telephone No. ( 228 ) 255-5813		(	SOUTH of	KAPALAMA DR.		
Pump Type Circle One		Power Type Circle One				
Air Lift Jet	Submersible	Diesel Engine	Gasoline Engine	Natural Gas		
Bucket Piston	Turbine	Electric Motor	Hand	Tractor PTO		
Centrifugal Rotary	Flowing Well	Windmill	Other (specify):			
Other (specify):		Horse Power Rating of Motor: 100				
Date Pump Installed: 8/20/09		Setting Depth:	85	feet		
Rated Pump Capacity 1857	Gallons Per Minute	Number of Stages:	3	-		
Pump Test Data		Method of Measuring Water Level Circle One				
Date Well Tested: 1/7/10		Air Line Elec	etric Measuring Line	e Steel Tape		
	Above Land Surface	Other (specify):	_	•		
<del></del>	et Below Land Surface			<u>.</u>		
· · · · · · · · · · · · · · · · · · ·	et Below Land Surface	For flowing well, measur	ed shut in head:	6 feet		
Test Pumping Rate: 1857 Gallons Per Minute Well yielded 1857			57 GPM wi	th a drawdown of		
Duration of Pump Test (minimum 4 hours):	8 hours	46 feet afte	r <u>8</u>	hours of pumping		
This is for (circle one) New Well Replacement of Existing Pump Repair of Existing Pump						
I hereby certify that the above statements are true to the best of my knowledge.						
DAVE COOK 692 Dave Corte DAVE OF LAND						
Print Name of Pump Installer and License			ignature of Pump I	nstaller C OLWR		