

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <i>Hancock</i>	
WELL NUMBER <i>3</i>	CODES <input checked="" type="checkbox"/>
<i>K 470</i>	
DATE WELL COMPLETED <i>March 1994</i>	

PERMIT NUMBER <i>MS-GW-14652</i>
NAME OF DRILLING FIRM <i>Layne-Central Co.</i>
<i>A Division of Layne, Inc.</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Diamondhead Water & Sewer Dist.</i>	
<i>4351 PARK TEN DRIVE</i>	
<i>Diamondhead, MS 39520</i>	
WELL LOCATION:	SEC TOWNSHIP RANGE
<i>3</i>	<i>8 N 14 E</i>
DISTANCE	DIRECTION NEAREST TOWN
_____ Miles	_____ of _____
OTHER LANDMARK	
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.	

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>25</u>		
Pump Capacity (GPM) <i>1000</i>	No. of Stages <i>4</i>	Setting Depth <i>_____</i> FT.
PUMP TEST		
Well yielded <u>100%</u> GPM with a drawdown of <u>55.3</u> ft. after <u>8</u> hours of pumping		

WELL DATA		
Well Depth <i>720'</i>	Casing Diameter (In.) <i>16"</i>	Casing Length (Ft.) <i>640'</i>
Type of Casing <i>Steel</i>	Hole Depth <i>720'</i>	Depth to Static Water Level <i>_____</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input checked="" type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other		
Top of Lap Pipe or Reduction in Casing <i>_____</i>		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , No Log Run, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <i>Layne-Central Co.</i>	

SCREEN DATA		
Diameter - Inches <i>10"</i>	Length - Feet <i>70</i>	Slot Size - Inches <i>.020"</i>
Screen Type <i>Stainless Steel</i>	Depth to Bottom - Feet <i>_____</i>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Acidifier Test
Driller's Remarks			
MAR 28 1994			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Orange Clay</i>	<i>0'</i>	<i>11'</i>	<i>Clay & Shale</i>	<i>270'</i>	<i>336'</i>
<i>Sand with Clay streaks</i>	<i>11'</i>	<i>21'</i>	<i>Sandy Shale</i>	<i>336'</i>	<i>360'</i>
<i>Sand</i>	<i>21'</i>	<i>50'</i>	<i>Shale</i>	<i>360'</i>	<i>382'</i>
<i>Clay</i>	<i>50'</i>	<i>69'</i>	<i>Soft Sandy clay</i>	<i>382'</i>	<i>400'</i>
<i>Clay with Sand</i>	<i>69'</i>	<i>73'</i>	<i>Clay & Shale</i>	<i>400'</i>	<i>420'</i>
<i>Sand</i>	<i>73'</i>	<i>77'</i>	<i>Soft Sandy Clay</i>	<i>420'</i>	<i>450'</i>
<i>Clay</i>	<i>77'</i>	<i>184'</i>	<i>Clay</i>	<i>450'</i>	<i>570'</i>
<i>Shale with Sandy clay bks</i>	<i>184'</i>	<i>215'</i>	<i>Sandy Clay</i>	<i>570'</i>	<i>590'</i>
<i>Sand with some clay</i>	<i>215'</i>	<i>246'</i>	<i>Sand with clay</i>	<i>590'</i>	<i>610'</i>
<i>Shale and Clay</i>	<i>246'</i>	<i>266'</i>	<i>Sand with some clay bks</i>	<i>610'</i>	<i>640'</i>
<i>Sand and Clay</i>	<i>266'</i>	<i>270'</i>			

IF MORE SPACE IS NEEDED, USE BACK

Cont'd.

