

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>HUMPHREYS</b>	
WELL NUMBER <b>C141</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>9/10/91</b>	

PERMIT NUMBER <b>MS-GW-4663</b>
NAME OF DRILLING FIRM <b>LAYNE-CENTRAL</b>
<b>CLEVELAND, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>HUMPHREYS COUNTY WATER ASSN.</b>			
<b>BELZONI, MS</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>11</b>	<b>16</b>	<b>3</b>
		<b>N</b>	<b>E</b>
		<b>S</b>	<b>W</b>
DIRECTION <b>AT JAKETOWN</b>			
DISTANCE _____ Miles of _____			
OTHER LANDMARK <b>JAKETOWN SITE ON HWY. 7</b>			
WELL PURPOSE Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

<b>PUMP DATA</b>		
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 _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>300</b>	<b>5</b>	<b>130</b> FT.
PUMP TEST		
Well yielded <b>309</b> GPM with a drawdown of <b>20</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (in)	Casing Length (ft.)
<b>844'6"</b>	<b>8"</b>	<b>51'</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>S.S.</b>	<b>868'</b>	<b>30'5"</b>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>798</b> FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): ; No Log Run, <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>LAYNE</b>	

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>8"</b>	<b>40'4"</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>STAINLESS STEEL</b>	<b>840'</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	15	SAND & SANDY CLAY	522	530
SAND	15	65	SAND	530	614
COARSE SAND	65	98	CLAY	614	717
COARSE SAND & GRAVEL	98	121	SAND & CLAY STREAKS	717	780
CLAY	121	204	SAND	780	862
SAND	204	285	CLAY	862	868
SAND W/STREAKS OF CLAY	285	330			
CLAY	330	345			
SANDY CLAY	345	468			
SAND & CLAY STREAKS	468	485			
SAND	485	522			

**FEB 27 1995**  
**MS ANS**