

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 <i>Randolph</i>		PERMIT NUMBER
WELL NUMBER <i>N138</i>	CODED	NAME OF DRILLING FIRM <i>McDonald & Hill</i>
DATE WELL COMPLETED <i>4/28/00</i>		<i>Meridian, Miss</i>
NAME & MAILING ADDRESS OF LANDOWNER <i>Paul Broadhead Interest</i>		
<i>2212 - B - Street</i>		
<i>Meridian, Miss. 39301</i>		
WELL LOCATION	SEC	TOWNSHIP
	<i>29</i>	<i>6</i>
		<i>N 16 E</i>
DISTANCE	DIRECTION	NEAREST TOWN
<i>1</i>	<i>South</i>	<i>Mer</i>
OTHER LANDMARK		
WELL PURPOSE: Home, <input checked="" type="checkbox"/> Irrigation, Municipal, Industrial, <input checked="" type="checkbox"/> Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <i>5</i>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>60</i>	<i>14</i>	<i>240</i> FT.
PUMP TEST		
Well yielded <i>30</i> GPM with a drawdown of <i>35</i> ft. after <i>4</i> hours of pumping		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

GEOLOGIC DATA (Office Use Only)			
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			

WELL DATA		
Well Depth	Casing Diameter (in.)	Casing Length (Ft.)
<i>660</i>	<i>4"</i>	<i>482'</i>
Type of Casing	Hole Depth	Depth to Static Water Level
<i>PVC</i>	<i>660</i>	<i>180'</i>
TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input checked="" type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<i>2</i>	<i>60</i>	<i>40*16-20*1/4</i>
Screen Type	Depth to Bottom - Feet	
<i>PVC</i>	<i>660</i>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION
<i>Clay</i>	<i>0</i>	<i>30</i>	<i>Shale</i>
<i>Shale</i>	<i>30</i>	<i>110</i>	
<i>Sandy shale st</i>	<i>310</i>	<i>140</i>	
<i>Rock</i>	<i>140</i>	<i>150</i>	
<i>Sandy shale</i>	<i>150</i>	<i>190</i>	
<i>Shale</i>	<i>190</i>	<i>240</i>	
<i>Shale - sandy - Rock st.</i>	<i>240</i>	<i>280</i>	
<i>Rock</i>	<i>280</i>	<i>283</i>	
<i>Shale, lignite - st Rock</i>	<i>283</i>	<i>420</i>	
<i>Shale - lignite</i>	<i>420</i>	<i>600</i>	
<i>Sand</i>	<i>600</i>	<i>655</i>	

RECEIVED
MAY 24 2000
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK