

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED

*Lauderdale*

WELL NUMBER CODED

*Φ 2046*

PERMIT NUMBER

NAME OF DRILLING FIRM

*McDONALD & HILL  
Meridian, MS*

DATE WELL COMPLETED

*5-26-88*

NAME & MAILING ADDRESS OF LANDOWNER

*Mel Baerthurst*

*#10 Box 36*

*Meridian, MS*

WELL LOCATION: SEC TOWNSHIP RANGE  
*8 6<sup>N</sup> 17<sup>E</sup> W*

DISTANCE DIRECTION NEAREST TOWN  
*1 1/2 Miles South of RUSSELL*

OTHER LANDMARK

WELL PURPOSE:  Home,  Irrigation,  Municipal,  Industrial,  Fish Pond, etc.

**PUMP DATA**

PUMP TYPE (Circle One):  
 Submersible,  Turbine,  Jet,  Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
 Electric,  Tractor,  Diesel,  Gasoline,  Butane,  
Other (Describe) \_\_\_\_\_

Pump Capacity (GPM) No. of Stages Setting Depth  
*5 19 260* FT.

PUMP TEST  
Well yields \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after *JUL 07 1988* hours of pumping

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LOG DATA  
TYPE OF LOG RUN (Circle One):  No Log Run,  
 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

**WELL DATA**

Well Depth Casing Diameter (In.) Casing Length (Ft.)  
*420 4" 268'*

Type of Casing Hole Depth Depth to Static Water Level  
*PVC 4.20 220'*

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other  
(Describe) \_\_\_\_\_

Top of Lap Pipe or Reduction in Casing  
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**SCREEN DATA**

Diameter - Inches Length - Feet Slot Size - Inches

Screen Type Depth to Bottom - Feet

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>CLAY + SAND</i>	<i>0</i>	<i>20</i>	<i>CLAY</i>	<i>240</i>	<i>280</i>
<i>CLAY</i>	<i>20</i>	<i>50</i>	<i>SAND</i>	<i>280</i>	<i>310</i>
<i>SANDY</i>	<i>50</i>	<i>70</i>	<i>CLAY</i>	<i>310</i>	<i>340</i>
<i>CLAY</i>	<i>70</i>	<i>130</i>	<i>FINE SAND / ST CLAY</i>	<i>340</i>	<i>420</i>
<i>ROCK</i>	<i>130</i>	<i>132</i>			
<i>CLAY</i>	<i>132</i>	<i>148</i>			
<i>ROCK</i>	<i>148</i>	<i>154</i>			
<i>CLAY</i>	<i>154</i>	<i>190</i>			
<i>SAND</i>	<i>190</i>	<i>205</i>			
<i>SOFT CLAY</i>	<i>205</i>	<i>240</i>			

IF MORE SPACE IS NEEDED, USE BACK