

**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  
Lauderdale

WELL NUMBER CODED  
G 2105

DATE WELL COMPLETED  
8/8/94

PERMIT NUMBER

NAME OF DRILLING FIRM  
McDonald & Hill  
Mbrn, Miss.

NAME & MAILING ADDRESS OF LANDOWNER  
Ricky & Joyce Moulton  
RR1 Box 144  
Cheney, Miss.

WELL LOCATION SEC TOWNSHIP RANGE  
15 70 S 15 E

DISTANCE DIRECTION NEAREST TOWN  
3 Miles N of Mbrn

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) \_\_\_\_\_ H/P \_\_\_\_\_

Pump Capacity (GPM) No. of Stages Setting Depth  
5 13 160 FT.

PUMP TEST  
Well yielded 15 GPM with  
a drawdown of 20 ft.  
after 3 hours of pumping

**WELL DATA**

Well Depth Casing Diameter (In.) Casing Length (Ft.)  
330 4 217'

Type of Casing Hole Depth Depth to Static Water Level  
PVC 217 120'

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

WELL GROUTED TO A DEPTH OF \_\_\_\_\_ FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
 No Log Run,  Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log

**SCREEN DATA**

Diameter - Inches Length - Feet Slot Size - Inches  
2" 30' .008

Screen Type Depth to Bottom - Feet  
Slotted screen 235

**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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay, sand</u>	<u>0</u>	<u>43</u>			
<u>Clay</u>	<u>43</u>	<u>64</u>			
<u>Sandy shale</u>	<u>64</u>	<u>90</u>			
<u>Shale + lignite</u>	<u>90</u>	<u>230</u>			
<u>Shale</u>	<u>230</u>	<u>240</u>			
<u>Sand</u>	<u>240</u>	<u>275</u>			
<u>Sandy shale</u>	<u>275</u>	<u>330</u>			

**RECEIVED**

AUG 09 1994

Dept. of Environ. Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK