

**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  
*Wayne*

WELL NUMBER *708* CODED

DATE WELL COMPLETED:  
*6/7/91*

*295D*

PERMIT NUMBER

NAME OF DRILLING FIRM  
*McDonald & Hill*

*Madu, Missis.*

NAME & MAILING ADDRESS OF LANDOWNER  
*Lyman Cochran*  
*P.O. Box 112*  
*Buckatunna, Miss.*

WELL LOCATION: SEC *23* TOWNSHIP *7<sup>N</sup>* RANGE *6<sup>W</sup>*

DISTANCE *2 1/2* Miles DIRECTION *West* of *Buckatunna* NEAREST TOWN

OTHER LANDMARK

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

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well  
Other (Describe) *10-15 gpm*

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) H/P

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

PUMP TEST  
Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth *660* Casing Diameter (In.) *4"* Casing Length (Ft.) *330*

Type of Casing *PVC* Hole Depth *330* Depth to Static Water Level *overflow*

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

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

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe)

Name of Organization Running Log

**SCREEN DATA**

Diameter - Inches *2* Length - Feet *60'* Slot Size - Inches *Slotted*

Screen Type *PVC* Depth to Bottom - Feet *660*

**GEOLOGIC DATA (Office Use Only)**

|               |               |                |              |
|---------------|---------------|----------------|--------------|
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL     | Date          | Analysis       | Aquifer Test |

Driller's Remarks  
*300' 2" PVC*  
*60' 2" Slotted*  
*4x2 seal & wash valve*

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|------|----|
| <i>Coarse sand</i>                    | <i>0</i>   | <i>25</i>  |                        |      |    |
| <i>Sandy</i>                          | <i>25</i>  | <i>60</i>  |                        |      |    |
| <i>Coarse sand</i>                    | <i>60</i>  | <i>140</i> |                        |      |    |
| <i>Sandy st Rock</i>                  | <i>140</i> | <i>165</i> |                        |      |    |
| <i>st sand</i>                        | <i>165</i> | <i>215</i> |                        |      |    |
| <i>Shale</i>                          | <i>215</i> | <i>265</i> |                        |      |    |
| <i>Sandy st Rock</i>                  | <i>265</i> | <i>320</i> |                        |      |    |
| <i>Shale</i>                          | <i>320</i> | <i>404</i> |                        |      |    |
| <i>limy shale st Rock</i>             | <i>404</i> | <i>470</i> |                        |      |    |
| <i>shale</i>                          | <i>470</i> | <i>590</i> |                        |      |    |
| <i>fine sand st Rock</i>              | <i>590</i> | <i>660</i> |                        |      |    |

Dept. of Environmental Quality  
Bureau of Land & Water Resources

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