

**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 <i>Lauderdale</i>		PERMIT NUMBER
WELL NUMBER <i>2038</i>	CODED	NAME OF DRILLING FIRM <i>McDonald &amp; Hill, Inc.</i>
DATE WELL COMPLETED <i>9/11/90</i>		<i>Mbr. Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER  
*Charles Patch*  
*RT 1 Box 115-B*  
*Enterprise, Miss.*

WELL LOCATION SEC TOWNSHIP RANGE  
*26 5 N 14 E*  
*S W*

DISTANCE \_\_\_\_\_ Miles \_\_\_\_\_ of \_\_\_\_\_  
DIRECTION \_\_\_\_\_ 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) \_\_\_\_\_

POWER TYPE (Circle One):  
 Electric,  Tractor,  Diesel,  Gasoline,  Butane,  
Other (Describe) \_\_\_\_\_ H/P *3/4*

Pump Capacity (GPM) <i>8</i>	No. of Stages <i>13</i>	Setting Depth <i>720</i> FT.
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PUMP TEST

Well yielded *25* GPM with  
a drawdown of *20* ft.  
after *2* hours of pumping

**WELL DATA**

Well Depth <i>390</i>	Casing Diameter (In.) <i>4</i>	Casing Length (Ft.) <i>360</i>
Type of Casing <i>Pvc</i>	Hole Depth <i>390</i>	Depth to Static Water Level <i>175</i>

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

Top of Lap Pipe or Reduction in Casing  
*345* FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**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 <i>2"</i>	Length - Feet <i>20</i>	Slot Size - Inches <i>#.012</i>
Screen Type <i>Pvc</i>	Depth to Bottom - Feet <i>390</i>	

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
*pumped good*

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clay</i>	<i>0</i>	<i>10</i>	<div style="font-size: 2em; font-weight: bold; border: 2px solid black; padding: 5px; display: inline-block;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">OCT 05 1990</div> <div style="font-size: 0.8em; margin-top: 10px;">Department of Natural Resources Bureau of Land &amp; Water Resources</div>		
<i>sand</i>	<i>10</i>	<i>70</i>			
<i>Sandy Shale + Rock</i>	<i>70</i>	<i>237</i>			
<i>Sand - Rock st</i>	<i>237</i>	<i>270</i>			
<i>S shale - sand st</i>	<i>270</i>	<i>350</i>			
<i>Shale</i>	<i>350</i>	<i>370</i>			
<i>Sand .012</i>	<i>370</i>	<i>390</i>			

IF MORE SPACE IS NEEDED, USE BACK