

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Hinds</b>		PERMIT NUMBER
WELL NUMBER <b>H193</b>	CODES <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>K.M. "Bud" Cresswell</b>
DATE WELL COMPLETED <b>Nov. 15, 1990</b>		<b>Benton, MS.</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**Mississippi Power & Light Co.**  
**JACKSON, MS.**

WELL LOCATION: SEC **4** TOWNSHIP **6** RANGE **N 1 E**

DISTANCE **1 1/2** Miles DIRECTION **JACKSON** NEAREST TOWN

OTHER LANDMARK  
**ON Beasley Road**

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) <b>16</b>	No. of Stages <b>11</b>	Setting Depth <b>357</b> FT.
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PUMP TEST  
Well yielded **40** GPM with a drawdown of **10** ft. after **2** hours of pumping

**WELL DATA**

Well Depth <b>760</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>730</b>
Type of Casing <b>Steel</b>	Hole Depth <b>800</b>	Depth to Static Water Level <b>270</b>

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

Top of Lap Pipe or Reduction in Casing  
**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 <b>2</b>	Length - Feet <b>30</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>760</b>	

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Clay yellow</b>	<b>0</b>	<b>28</b>			
<b>Clay blue</b>	<b>28</b>	<b>278</b>			
<b>Clay shales</b>	<b>278</b>	<b>325</b>			
<b>Shale shaly</b>	<b>325</b>	<b>515</b>			
<b>lime</b>	<b>515</b>	<b>560</b>			
<b>shale - tough</b>	<b>560</b>	<b>720</b>			
<b>shale - good</b>	<b>720</b>	<b>760</b>			
<b>shale</b>	<b>760</b>	<b>800</b>			

**RECEIVED**  
**DEC 14 1990**

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IF MORE SPACE IS NEEDED, USE BACK