

**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 <b>Hinds</b>	
WELL NUMBER <b>3</b>	CODED
<b>H-201</b>	
DATE WELL COMPLETED <b>07-07-00</b>	

PERMIT NUMBER <b>MS-GW-15479</b>
NAME OF DRILLING FIRM <b>Griner Drilling Service, Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Duke Energy Hinds, L.L.C.</b>		
PO BOX 9427		
JACKSON	MS	39286
WELL LOCATION	SEC	TOWNSHIP RANGE
	<b>8</b>	<b>6 (N) S 1 (E) W</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>3</b> Miles	<b>west</b>	of <b>I-55</b>
OTHER LANDMARK <b>Beasley Road</b>		
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Industrial</b>		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, (Turbine, ) Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): (Electric, ) Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>200</b>		
Pump Capacity (GPM)	No of Stages	Setting Depth
<b>700</b>	<b>10</b>	<b>763.38</b> FT.
PUMP TEST		
Well yielded <b>700</b> GPM with a drawdown of <b>136.9</b> ft. after <b>38</b> hours of pumping		

WELL DATA		
Well Depth <b>1680'</b>	Casing Diameter (in) <b>20</b>	Casing Length (ft.) <b>1550</b>
Type of Casing <b>steel</b>	Hole Depth <b>1680'</b>	Depth to Static Water Level <b>120.43</b>
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed, ) (Underreamed, ) Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>1550</b> FEET Type Grout (circle one): Cement, Bentonite, or (Mix)		

LOG DATA	
TYPE OF LOG RUN (Circle One): (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 <b>No. 3</b>	<b>Received</b>
	<b>3-14-01</b>
Top of Lap Pipe or Reduction in Casing <b>1470</b> FEET	
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

SCREEN DATA		
Diameter - Inches <b>10 3/4</b>	Length - Feet <b>120</b>	Slot Size - Inches <b>0.016</b>
Screen Type <b>304 stainless</b>	Depth to Bottom - Feet <b>1680</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
surface casing	0	63	sand and clay mixed	599 631
clay	63	282	clay	631 788
clay w/ sand streaks	282	314	clay and sand mixed	788 819
sand w/ lignite & clay streaks	314	345	sand streaks	819 883
sand w/ lignite streaks	345	377	soft clay	883 914
clay w/ sand streaks	377	441	clay w/ sand streaks	914 945
sand	441	472	sand	945 977
clay w/sand streaks	472	504	sand w/ clay streaks	977 1008
sand and clay mixed	504	536	sand and clay mixed	1008 1040
clay	536	567	sand	1040 1072
clay w/sand & lignite streaks	567	599		

IF MORE SPACE IS NEEDED, USE BACK CONT on back