

**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	
HINDS	
WELL NUMBER	CODED
NO. 1	
H-198	
DATE WELL COMPLETED	
02-15-00	

PERMIT NUMBER
MS-643-15475
NAME OF DRILLING FIRM
Griner Drilling Service

NAME & MAILING ADDRESS OF LANDOWNER			
DUKE ENERGY HINDS, LLC			
PO BOX 9427			
JACKSON MS 39286			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	8	6 (N) S	1 (E) W
DISTANCE	DIRECTION	NEAREST TOWN	
3 Miles	WEST	of I-55	
OTHER LANDMARK			
BEASLEY ROAD			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			
INDUSTRIAL			

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
500	11	713.06 FT.
PUMP TEST		
Well yielded _____ 750 _____ GPM with		
a drawdown of _____ 154.8 _____ ft.		
after _____ 50 _____ hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (in)	Casing Length (ft)
1700'	16"	1600'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1700'	126.00'
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>1600</u> 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	
BAKER HUGHES	

SCREEN DATA		
Diameter - inches	Length - Feet	Slot Size - inches
10"	90'	0.016"
Screen Type	Depth to Bottom - Feet	
304 STAINLESS	1700'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
WELL NO. 1 <i>Received</i>			
<i>3-14-01</i>			
Top of Lap Pipe or Reduction in Casing			
1510 FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
tan clay	0	10	sand w/clay stks	443	475
tan & orange clay	10	25	clay	475	570
clay	25	32	clay w/stk of sand & shale	570	602
gray-greenish clay	32	50	stk of sand, clay & shale	602	633
gray clay	50	67	clay	633	760
clay	67	286	shale & clay	760	792
clay w/sand streaks	286	318	sand	792	855
shale w/stk sand & lignite	318	349	sand w/clay stks	855	887
sand w/stk of lignite	349	380	clay w/sand stks	887	919
stk. of sand & clay	380	411	sand	919	950
clay	411	443			

IF MORE SPACE IS NEEDED, USE BACK