

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 <u>Clackson</u>	
WELL NUMBER <u>DW-10</u>	CODED
D-77	
DATE WELL COMPLETED <u>9-8-03</u>	

PERMIT NUMBER <u>MS5W-16036</u>
NAME OF DRILLING FIRM <u>Diversified Drilling</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Mississippi Lignite Mining Co.</u>			
Latitude: <u>33° 32' 48"</u> Longitude: <u>87° 39' 15"</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>34</u>	<u>18</u>	<u>10</u>
		<u>S</u>	<u>W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>1.7</u>	Miles <u>North</u>	of <u>Chester</u>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>De watering</u>			

PUMP DATA			
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible Turbine Jet Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric Tractor Diesel Gasoline Butane, Other (Describe) _____ H/P <u>1/2</u>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>SAND</u>	<u>0</u>	<u>15</u>
<u>SANDSTONE</u>	<u>15</u>	<u>16</u>
<u>SILT</u>	<u>16</u>	<u>40</u>
<u>CLAY</u>	<u>40</u>	<u>46</u>
<u>LIGNITE</u>	<u>46</u>	<u>49</u>
<u>SILT</u>	<u>49</u>	<u>76</u>
<u>CLAY</u>	<u>76</u>	<u>96</u>
<u>SILT</u>	<u>96</u>	<u>125</u>
<u>SAND</u>	<u>125</u>	<u>153</u>
<u>CLAY</u>	<u>153</u>	<u>161</u>
<u>LIGNITE</u>	<u>161</u>	<u>163</u>

WELL DATA		
Well Depth <u>158'</u>	Casing Diameter (In.) <u>6</u>	Casing Length (Ft.) <u>133</u>
Type of Casing <u>PVC</u>	Hole Depth <u>158</u>	Depth to Static Water Level <u>115</u>

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

WELL GROUTED TO A DEPTH OF 108 FEET
 Type Grout (circle one): Cement Bentonite, or Mix

SCREEN DATA		
Diameter - Inches <u>6</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>.101</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>153</u>	

RECEIVED

OCT 15 2003

BY: OLWR

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Ed Noble
Signature of Licensed Driller and License No.

10-2-03
Date

Additional Information Required On Back