

**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>Choctaw</u>	
WELL NUMBER <u>DW-5</u>	CODED
<b>D-75</b>	
DATE WELL COMPLETED <u>8-22-03</u>	

PERMIT NUMBER <u>MSGW-16042</u>
NAME OF DRILLING FIRM <u>Diversified Drilling</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Mississippi Lignite Mining Co.</u> <u>Rt. 3 Box 98</u> <u>Ackerman, MS 39735</u>			
Latitude: <u>33° 32' 45"</u> Longitude: <u>87° 39' 15"</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>34</u>	<u>18</u>	<u>S 10 E</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
SAND	0	17
CLAY	17	27
SAND	27	47
SILT	47	54
LIGNITE	54	57
CLAY	57	97
SILT	97	106
SANDSTONE	106	107
SILT	107	112
SANDSTONE	112	113
SILT	113	126
SAND	126	152
CLAY	152	165
LIGNITE	165	168
<b>RECEIVED</b>		
OCT 15 2003		
<b>BY: OLWR</b>		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

WELL DATA		
Well Depth <u>162'</u>	Casing Diameter (In.) <u>6</u>	Casing Length (Ft.) <u>137</u>
Type of Casing <u>PVC</u>	Hole Depth <u>162</u>	Depth to Static Water Level <u>135</u>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF _____ 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>157</u>	

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