

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-11</u>	CODED
D-78	
DATE WELL COMPLETED <u>9-07-03</u>	

PERMIT NUMBER <u>MSGW-16038</u>
NAME OF DRILLING FIRM <u>Diversified Drilling</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Mississippi Lignite Mining</u> <u>2+ 3 Box 98</u> <u>Ackerman, MS 39735</u>			
Latitude: <u>33° 32' 50"</u> Longitude: <u>87° 39' 13"</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>34</u>	<u>18</u>	<u>N 10 W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>1.7</u> Miles	<u>North</u>	of <u>Cluster</u>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>De-watering</u>			

WELL DATA		
Well Depth <u>125'</u>	Casing Diameter (In.) <u>6</u>	Casing Length (Ft.) <u>100</u>
Type of Casing <u>PVC</u>	Hole Depth <u>125</u>	Depth to Static Water Level <u>104</u>

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

WELL GROUTED TO A DEPTH OF 91 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>120</u>	

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> 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>SILT</u>	<u>15</u>	<u>24</u>
<u>CLAY</u>	<u>24</u>	<u>30</u>
<u>LIGNITE</u>	<u>30</u>	<u>33</u>
<u>CLAY</u>	<u>33</u>	<u>56</u>
<u>SANDSTONE</u>	<u>56</u>	<u>58</u>
<u>CLAY</u>	<u>58</u>	<u>63</u>
<u>SILT</u>	<u>63</u>	<u>72</u>
<u>SANDSTONE</u>	<u>72</u>	<u>73</u>
<u>SILT</u>	<u>73</u>	<u>95</u>
<u>SAND</u>	<u>95</u>	<u>120</u>
<u>CLAY</u>	<u>120</u>	<u>137</u>
<u>LIGNITE</u>	<u>137</u>	<u>140</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
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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