

**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>Lowndes</b>	
WELL NUMBER <b>3587</b>	CODED
<b>K2047</b>	
DATE WELL COMPLETED <b>12-20-99</b>	

PERMIT NUMBER <b>0-379</b>
NAME OF DRILLING FIRM <b>Mid-South Drilling</b>
<b>Carrollton, AL 35447</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Jim Borland</b> <b>c/o O.C. Electric</b> <b>P.O. Box 581</b>		
<b>Columbus, MS 39703</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
	<b>18 N 17 E</b>	
DISTANCE	DIRECTION	NEAREST TOWN
<b>6</b> Miles	<b>SSW</b>	<b>Columbus</b>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

<b>PUMP DATA</b>		
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  <b>FT.</b>
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>309</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>299</b>
Type of Casing <b>PVC</b>	Hole Depth <b>309</b>	Depth to Static Water Level <b>79</b>

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) <b>No Log Run,</b>	
Name of Organization Running Log	

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

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

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

Driller's Remarks	
Top of Lap Pipe or Reduction in Casing  <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

<b>SCREEN DATA</b>		
Diameter - Inches <b>4</b>	Length - Feet <b>10</b>	Slot Size - Inches <b>.030</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>299</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<b>Clay</b>	<b>0</b>	<b>105</b>		
<b>Sandy Clay</b>	<b>105</b>	<b>145</b>		
<b>Clay + Sand</b>	<b>145</b>	<b>170</b>		
<b>Clay</b>	<b>170</b>	<b>271</b>		
<b>Sand</b>	<b>271</b>	<b>290</b>		
<b>Clay</b>	<b>290</b>	<b>291</b>		
<b>Sand</b>	<b>291</b>	<b>309</b>		
<b>Rock at 291'</b>				
<b>297'</b>				

**RECEIVED**  
**DEC 28 1999**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.