

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 10631  
Jackson, Mississippi 39209  
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Jefferson</b>		PERMIT NUMBER
WELL NUMBER <b>Barley Farms</b>	CODED	NAME OF DRILLING FIRM <b>RAYBORN DRILLING, INC</b>
DATE WELL COMPLETED <b>8-27-87</b>		

NAME & MAILING ADDRESS OF LANDOWNER  
**R.E. Williams Drilling Co.**  
**3100 Walnut Grove Rd. 102** suite  
**Memphis TN 38111**

WELL LOCATION: SEC 18 TOWNSHIP 8 RANGE 1E

DISTANCE 4 Miles DIRECTION N of NEAREST TOWN Cannonsburg

OTHER LANDMARK  
**Oilfield**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Oilfield**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well,  
Other (Describe) Air

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe)

Pump Capacity (GPM) N/A No. of Stages \_\_\_\_\_ Setting Depth \_\_\_\_\_ FT.

PUMP TEST  
Well yielded 50 GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth <b>277'</b>	Casing Diameter (in.) <b>3"</b>	Casing Length (ft.) <b>257'</b>
Type of Casing <b>Sch 40 PVC</b>	Hole Depth <b>277'</b>	Depth to Static Water Level <b>100'</b>

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

Top of Lap Pipe or Reduction in Casing  
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) No Log Run

Name of Organization Running Log

**SCREEN DATA**

Diameter - Inches <b>3"</b>	Length - Feet <b>20'</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>Slotted Sch 40 PVC</b>	Depth to Bottom - Feet <b>257'</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	15	<b>RECEIVED</b> <b>AUG 28 1987</b> <b>Department of Natural Resources</b> <b>Bureau of Land &amp; Water Resources</b>		
Chalk	15	50			
Sand	50	60			
Chalk	60	231			
Sand	231	277			

IF MORE SPACE IS NEEDED, USE BACK