

**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>Marshall</u>	
WELL NUMBER <u>J-172</u>	CODED
DATE WELL COMPLETED <u>11-13-03</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Mason water wells</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Bert Keough</u>			
<u>457 Burton rd</u> <u>Holly Springs MS</u>			
Latitude: Longitude:			
WELL LOCATION	SEC <u>36</u>	TOWNSHIP <u>3</u> ^N _S	RANGE <u>4</u> ^E _W
DISTANCE <u>3 1/2</u> Miles	DIRECTION <u>S</u>	NEAREST TOWN <u>of Hwy 78</u>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>deer camp</u>			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <u>H/P 1 1/2 hp</u>		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>red sand</u>	<u>0</u>	<u>28</u>
<u>white clay</u>	<u>28</u>	<u>40</u>
<u>white sand</u>	<u>40</u>	<u>120</u>
<u>white clay</u>	<u>120</u>	<u>145</u>
<u>white sand</u>	<u>145</u>	<u>215</u>

WELL DATA		
Well Depth <u>215'</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Fl.) <u>195</u>
Type of Casing <u>PUC</u>	Hole Depth <u>215</u>	Depth to Static Water Level <u>146'</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF <u>12</u> FEET Type Grout (circle one): Cement, <u>Bentonite</u> , or Mix		

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>20'</u>	Slot Size - Inches <u>#10</u>
Screen Type <u>PUC</u>	Depth to Bottom - Feet <u>215</u>	

RECEIVED	
NOV 17 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.

Gary W. Mason, O-620
Signature of Licensed Driller and License No.

11-13-03
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

	1		
X			

SECTION 36

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
20	14	180 FT.

PUMP TEST

Well yielded _____ GPM with
a drawdown of _____ ft.
after _____ hours of pumping

LOG DATA

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

Name of Organization Running Log

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

1 1/2 hp - w/ 14 bladder tank.

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