

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>Yazoo</u>	
WELL NUMBER <u>W 42</u>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <u>12-30-96</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Hemdon Well & Supply, Inc.</u>

NAME & MAILING ADDRESS OF LANDOWNER			
<u>Town of Bentonia</u>			
<u>P.O. Box 310</u>			
<u>Bentonia, MS 39182</u>			
WELL LOCATION.	SEC	TOWNSHIP	RANGE
	<u>11</u>	<u>9</u>	<u>N 2 E</u>
DISTANCE	DIRECTION		NEAREST TOWN
<u>0</u> Miles			<u>S W</u>
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

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) _____ H/P <u>50</u>			
Pump Capacity (GPM)	No. of Stages	Setting Depth	
<u>300</u>	<u>4</u>	<u>315</u> FT.	
PUMP TEST			
Well yielded <u>300</u> GPM with a drawdown of <u>120</u> ft. after <u>8</u> hours of pumping			

WELL DATA		
Well Depth <u>1390</u>	Casing Diameter (In.) <u>12</u>	Casing Length (Ft.) <u>1325</u>
Type of Casing <u>Steel</u>	Hole Depth <u>1436</u>	Depth to Static Water Level <u>134</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <u>Ms. Bureau of Geology</u>	

WELL GROUTED TO A DEPTH OF <u>1325</u> FEET	
Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Acquifer Test
RECEIVED			
JUN 20 1997			
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing Dept. of Environmental Quality <u>1244</u> Office of Land and Water Resources			

SCREEN DATA		
Diameter - Inches <u>8</u>	Length - Feet <u>60.88</u>	Slot Size - Inches <u>.020</u>
Screen Type <u>Johnson</u>	Depth to Bottom - Feet <u>1390</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	1	3	Sandy Clay Gray	664	696
White Clay	4	5	Clay with sand	697	786
Red Clay	6	24	Clay	881	956
Gray Clay w/ white mix	25	60	Rock	956	958
Yazoo Clay	61	300	Clay	958	971
Sandy Clay gray sand	301	600	Sand fine	972	1034
Sandy Clay	601	616	Blue & Gray clay w/ lignite	1035	1065
Rock	616	617	Blue clay w/streaks of sand	1066	1300
Sandy Clay more clay	671	633	Sand	1300	

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.