

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

COUNTY WELL LOCATED	
Rankin	
WELL NUMBER	CODED
# 4	<input checked="" type="checkbox"/>
F-70	
DATE WELL COMPLETED	
15 November 1995	

PERMIT NUMBER
NAME OF DRILLING FIRM
Herndon Well & Supply, Inc.
Pearl, MS 39288

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER			
City of Flowood			
P. O. Box 5536			
Flowood, MS 39288-5536			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
South of Flowood Dr.	32	6 <sup>N</sup> <sub>S</sub>	2 <sup>E</sup> <sub>W</sub>
DISTANCE	DIRECTION	NEAREST TOWN	
$\frac{1}{4}$ - $\frac{1}{2}$ Miles	South	Woman's Hospital	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			
Municipal			

PUMP DATA		
PUMP TYPE (Circle One):		
Submersible	Turbine	Jet
Other (Describe) _____		
POWER TYPE (Circle One):		
Electric	Tractor	Diesel
Gasoline	Butane	Other (Describe)
100	H/P	3 PH
Pump Capacity (GPM)	No. of Stages	Setting Depth
503	8	372' FT.
PUMP TEST		
Well yielded _____ 503 _____ GPM with		
a drawdown of _____ 109' _____ ft.		
after _____ 12 _____ hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
830.95'	12	750
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	830.95	212'
TYPE OF COMPLETION: (Circle One or More):		
Gravel Packed	Underreamed	Telescoped
Natural Development	Open Hole	Other
(Describe) _____		

LOG DATA	
TYPE OF LOG RUN (Circle One):	
Electric	Gamma Ray
Density	Sonic
Neutron	No Log Run
Other (Describe) _____	
Name of Organization Running Log	
Herndon Well & Supply, Inc.	

WELL GROUTED TO A DEPTH OF <u>750</u> FEET
Type Grout (circle one): Cement, Bentonite, or Mix

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8	80.95	.020
Screen Type	Depth to Bottom - Feet	
S.S.	830.95	

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

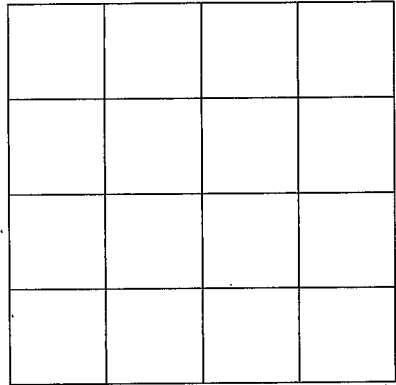
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Brown Clay	0	8	Sandy Clay w/ Sand	
Sand w/ Gravel	8	24	Streaks	705 735
Grey Clay	24	140	Sand	735 858
Sandy Clay	140	205	Clay & Shale	1838
Sand	205	407		
Grey Shale	407	477		
Rock	477	480		
Grey Clay	480	491		
Rock	491	493		
Clay w/ Streaks of Lignite	493	705		

**RECEIVED**  
NOV 22 1995  
Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK PAGE

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.