

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 Leake	
WELL NUMBER # 4	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER	
NAME OF DRILLING FIRM Herndon Well & Supply	
DATE WELL COMPLETED 07/22/1996	
Pearl, MS 39208	

NAME & MAILING ADDRESS OF LANDOWNER Southwest Leake Water Assn., Inc.			
P. O. Box 168			
Lena, MS 39094			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	18	9 N	7 E
DISTANCE	DIRECTION	NEAREST TOWN	
So. of	Miles	Hwy. 16 & SW of Hwy. 35	
OTHER LANDMARK behind old school			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible Turbine Jet Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric Tractor Diesel Gasoline Butane, Other (Describe) 460 v. H/P 60		
Pump Capacity (GPM)	No. of Stages	Setting Depth
412	9	212 FT.
PUMP TEST		
Well yielded 412 GPM with		
a drawdown of 53 ft.		
after 4 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1294	12	1230
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1294	115.75
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1230 FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray Density Sonic Neutron, Other (Describe) _____	
Name of Organization Running Log Herndon Well & Supply, Inc.	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8	60.11	.020
Screen Type	Depth to Bottom - Feet	
S. S.	60.11 length	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. Sp. Elev.	Case	Final	Reduce Test
RECEIVED			
SEP 19 1996			
Top of Lap Pipe or Reduction in Casing 1147.92			
Mississippi Department of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Sandy	0	20	Blue Clay	657	692
Sand & Gravel	20	45	Rock	692	693
Blue Sandy Clay	45	144	Blue Clay & Shale Rock	693	850
Rock	144	145	Sandy Clay w/ Streaks		
Blue Sand & Clay	145	173	of Sand	850	1306
Brown Sand w/ Streaks					
of Clay	173	215	Drilled to	1306	
Grey Clay w/ Streaks					
of Sand	215	540			
Shale Rock w/ Streaks					
of Sand	540	657			

IF MORE SPACE IS NEEDED, USE BACK