

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 Monroe	
WELL NUMBER 4	CODED <input checked="" type="checkbox"/>
B 71	
DATE WELL COMPLETED 02 April 1992	

PERMIT NUMBER 13042
NAME OF DRILLING FIRM Herndon Well & Supply
Shannon, MS

NAME & MAILING ADDRESS OF LANDOWNER Cason Water District			
Rt. 1, Box 672			
Nettleton, MS 38858			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<u>36</u>	<u>11</u>	<u>N 7 E</u> <u>S 7 W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>6</u> Miles	<u>East</u>	of <u>Nettleton</u>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

40 hp	PUMP DATA	
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
413	6	260 FT.
PUMP TEST		
Well yielded <u>413</u> GPM with a drawdown of <u>48'</u> ft. after <u>24</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (in.)	Casing Length (Ft.)
481'3"	12"	421'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	505	158'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing		
376 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , 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	63'3"	.020
Screen Type	Depth to Bottom - Feet	
SS Ribbed	481'3"	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
RECEIVED			
Driller's Remarks			
APR 06 1992			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Red Sand & Clay	0	10	Rock	440 441
Brown Silty Clay	10	95	Gravel	441 446
Blue Clay, Sand & Pea Grl	95	130	Rock	446 447
Sand	130	200	Gravel	447 495
Shale Rock, Sand & Lignite	200	327	Clay	495 505
Sand & Pink Gumbo	327	355		
Clay & Sand	355	370		
Pink Gumbo	370	408		
Gravel	408	430		
Rock	430	431		
Gravel	431	440		

IF MORE SPACE IS NEEDED, USE BACK

