

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED DESOTO	
WELL NUMBER POLK LANE	CODED <input checked="" type="checkbox"/>
D 71	
DATE WELL COMPLETED 04/12/99	

PERMIT NUMBER
NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
SHANNON, MS

NAME & MAILING ADDRESS OF LANDOWNER			
CITY OF OLIVE BRANCH			
9189 PIGEON ROOST			
OLIVE BRANCH, MS 38654			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	25	1	6
		S	E
DISTANCE	DIRECTION	NEAREST TOWN	
INSIDE CITY LIMITS		INSIDE CITY LIMITS	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. MUNICIPAL			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 150		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1500	5	260 FT.
PUMP TEST		
Well yielded 1580 GPM with a drawdown of 104' ft. after 2 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
408	20	317
Type of Casing	Hole Depth	Depth to Static Water Level
steel	496	121'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing		
276 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log MS OFFICE OF GEOLOGY	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
12	91	.030
Screen Type	Depth to Bottom - Feet	
SS RIBBED	408	

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Dirt	0	5	Coarse Sand, Small gravel,		
Gravel, Coarse Red Sand	5	15	White & Gray Clay	370	490
Gray & White Clay	15	20	Gray Clay	490	496
Coarse Red Sand	20	40			
WHITE & GRAY CLAY, Gravel	40	60			
Soft, Sandy Gray & White Clay, Lignite	60	210			
Coarse, Quartz Sand	210	315			
Coarse Quartz Sand, White Clay	315	370			

RECEIVED
JUN 21 1999

IF MORE SPACE IS NEEDED, USE BACK

Dept of Environmental Quality
Office of Land & Water Resources