

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 42@ Whitworth	CODED <input checked="" type="checkbox"/>	PERMIT NUMBER
B 66		NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
DATE WELL COMPLETED 03/31/99	SHANNON, MS 38868	

NAME & MAILING ADDRESS OF LANDOWNER SOUTHAVEN UTILITY DISTRICT		
P. O. BOX 307		
SOUTHAVEN, MS 38671		
WELL LOCATION: SEC	TOWNSHIP	RANGE
23	1	8
DIRECTION: S NEAREST TOWN: W		
DISTANCE INSIDE CITY LIMITS		
OTHER LANDMARK WHITWORTH PLANT		
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 75		
Pump Capacity (GPM) 1095	No. of Stages 3	Setting Depth 180 FT.
PUMP TEST Well yielded 1095 GPM with a drawdown of 26.68 ft. after 2 hours of pumping		

WELL DATA		
Well Depth 398	Casing Diameter (In.) 18	Casing Length (Ft.) 317
Type of Casing steel	Hole Depth 402	Depth to Static Water Level 111.8
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 256 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 12	Length - Feet 81	Slot Size - Inches .030
Screen Type ss ribbed	Depth to Bottom - Feet 398	

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	FORMATION TO WHICH THIS WELL IS TO
RED DIRT	0	18	
LARGE GRAVEL	18	26	
GRAY CLAY	26	35	
SMALL GRAVEL, COARSE SAND	35	90	
SMALL GRAVEL, FINE SAND, GRAY CLAY	90	275	
VERY SMALL GRAVEL, COARSE SAND, WHITE CLAY, LIGNITE	275	300	
COARSE SAND, LIGNITE	300	402	

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MAY 07 1999

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IF MORE SPACE IS NEEDED, USE BACK