

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED NEWTON	
WELL NUMBER P 38	CODED PERMIT NUMBER CODED
DATE WELL COMPLETED 9.3.87	

NAME OF DRILLING FIRM McDONALD & HILL INC	
Meridian MS	

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER POPULAR SPRINGS Church		
R#2 BOX 142		
Hickory MS		
WELL LOCATION: SEC	TOWNSHIP	RANGE
5	5	12 E
DISTANCE	DIRECTION	NEAREST TOWN
3 Miles	EAST	of NEWTON
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Church		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____		
Pump Capacity (GPM) 8	No. of Stages 13	Setting Depth 200 FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth 430'	Casing Diameter (In.) 4"	Casing Length (Ft.) 335'
Type of Casing PVC	Hole Depth 430	Depth to Static Water Level 160'
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input type="radio"/> Telescoped, <input checked="" type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 320' FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="radio"/> No Log Run, <input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches 2"	Length - Feet 40'	Slot Size - Inches Drilled pipe
Screen Type PVC	Depth to Bottom - Feet 430	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 1 = 4x2 K PACKER 1-3" B.W. VALVE 70' = 2" PVC PIPE 18' = 6" PVC			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SAND	0	18
CLAY	18	65
SANDY SHALE	65	110
SAND	110	205
LIGNITE	205	250
SANDY SOFT SHALE	250	302
SOFT SHALE	302	324
MED SHALE	324	370
ROCK STRATUMS	370	405

FORMATIONS (Continued)	FROM	TO
GRANITE	405	420
SANDY SHALE	420	430
SHALE	430	430
OCT 05 1987		
Department of Natural Resources Bureau of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK		

