

# 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 <b>NEWTON</b>	
WELL NUMBER <b>K2052</b>	CODED
DATE WELL COMPLETED <b>9. 1 87</b> <del>8. 29. 87</del>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>McDONALD &amp; HILL INC</b>
<b>MERIDIAN MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>BETTY THORNTON</b> <b>NEWTON MS</b>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<b>16</b>	<b>6</b>	<b>N</b>	<b>11</b>
		<b>S</b>	<b>W</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>2</b> Miles	<b>NORTH</b>	of <b>NEWTON</b>	
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc.			

PUMP DATA			
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____			
Pump Capacity (GPM) <b>5</b>	No. of Stages <b>13</b>	Setting Depth <b>140</b>	FT.
PUMP TEST			
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping			

WELL DATA		
Well Depth <b>350'</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>285'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>350'</b>	Depth to Static Water Level <b>110'</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input checked="" type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <b>270 FEET</b>		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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

SCREEN DATA		
Diameter - Inches <b>2"</b>	Length - Feet <b>40'</b>	Slot Size - Inches <b>DRILLED PIPE</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>350'</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Remarks: <b>1 = 4x2 K PACKER</b> <b>2 = 2" B.W. VALVE</b> <b>40' = 2" PVC PIPE</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
CLAY & SAND	0	30
BLUE CLAY	30	40
SANDY LIME	40	80
BROWN SHALE	80	105
COARSE SAND	105	232
SOFT SHALE	232	255
SHALE	255	306
ROCK ST SHELLS	306	315
GREEN SAND	315	350
ST ROCK		

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IF MORE SPACE IS NEEDED, USE BACK		

