

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <i>Newton</i>	
WELL NUMBER <i>N 21</i>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <i>6/21/94</i>	

PERMIT NUMBER <i>Mc Donald + Hill Tax</i>
NAME OF DRILLING FIRM <i>Meridian, ms</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Henry Lyle</i>			
<i>RT 1 Box 258-A</i>			
<i>Lawrence, miss 36366</i>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<i>11</i>	<i>5</i>	<i>N 10</i>
			<i>E</i>
			<i>W</i>
DISTANCE	DIRECTION		NEAREST TOWN
<i>2</i> Miles	<i>South</i>		<i>Lawrence</i>
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Chicken House</i>			

PUMP DATA			
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible Turbine Jet Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <i>3</i>			
Pump Capacity (GPM) <i>12</i>	No. of Stages <i>18</i>	Setting Depth <i>400</i> FT.	
PUMP TEST			
Well yielded <i>13</i> GPM with a drawdown of <i>160</i> ft. after <i>3</i> hours of pumping			

WELL DATA			
Well Depth <i>700'</i>	Casing Diameter (In.) <i>4"</i> <i>4"</i>	Casing Length (Ft.) <i>505'</i>	
Type of Casing <i>PVC</i>	Hole Depth	Depth to Static Water Level	
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, <input checked="" type="radio"/> Telescoped, Natural Development, Open Hole, Other			
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix			

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>20'</i>	Slot Size - Inches <i>12</i>
Screen Type <i>5 steel</i>	Depth to Bottom - Feet	

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

Driller's Remarks <i>189'-2" black pipe</i>	
<i>1-4x2" Rubber seal</i>	
Top of Lap Pipe or Reduction in Casing <i>1-2" back pressure valve</i>	
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Clay</i>	<i>0</i>	<i>8</i>
<i>Shale</i>	<i>8</i>	<i>54</i>
<i>Shale st sand</i>	<i>54</i>	<i>160</i>
<i>sand</i>	<i>160</i>	<i>220</i>
<i>Shale</i>	<i>220</i>	<i>252</i>
<i>limey shale st Rock</i>	<i>252</i>	<i>320</i>
<i>shale</i>	<i>320</i>	<i>380</i>
<i>Shale st sand</i>	<i>380</i>	<i>480</i>
<i>sand</i>	<i>480</i>	<i>510</i>
<i>shale</i>	<i>510</i>	<i>640</i>
<i>Sandy st Rock</i>	<i>640</i>	<i>675</i>

FORMATIONS (Continued)	FROM	TO
<i>st Coarse quartz</i>	<i>675</i>	<i>700</i>

RECEIVED

JUL 07 1994

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IF MORE SPACE IS NEEDED, USE BACK

