

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>P 2021</i>	CODED
DATE WELL COMPLETED <i>2/23/98</i>	

PERMIT NUMBER <i>McDonald & Hill Inc</i>
NAME OF DRILLING FIRM <i>McDonald & Hill Inc</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Emanuel Russell</i>			
<i>3430 Liberty Baptist Ch. Rd</i>			
<i>Newton, MS</i>			
WELL LOCATION:	SEC <i>17</i>	TOWNSHIP <i>5^N S</i>	RANGE <i>12^E W</i>
DISTANCE <i>4</i> Miles	DIRECTION <i>SE</i>	NEAREST TOWN <i>Newton</i>	
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="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) _____ H/P <i>1/2</i>		
Pump Capacity (GPM) <i>8</i>	No. of Stages <i>10</i>	Setting Depth <i>120</i> FT.
PUMP TEST		
Well yielded <i>25</i> GPM with a drawdown of <i>30</i> ft. after <i>3</i> hours of pumping		

WELL DATA		
Well Depth <i>408</i>	Casing Diameter (In.) <i>3 1/4</i> <i>4</i>	Casing Length (Ft.) <i>340</i>
Type of Casing <i>PVC</i>	Hole Depth <i>42</i>	Depth to Static Water Level <i>42</i>
TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) <i>Slotted pipe</i>		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <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	

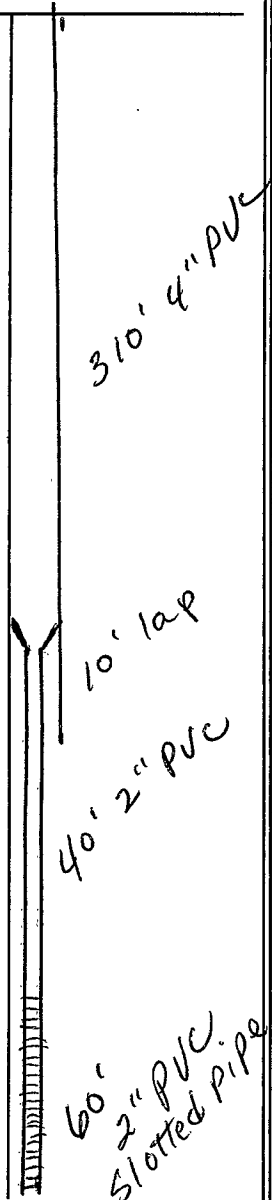
SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>60'</i>	Slot Size - Inches <i>Slotted pipe</i>
Screen Type	Depth to Bottom - Feet	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <i>1.2" back pressure valve</i> <i>2-4x2 Rubber seal</i> Top of Lap Pipe or Reduction in Casing			
FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clays</i>	<i>0</i>	<i>15</i>			
<i>Sandy</i>	<i>15</i>	<i>50</i>			
<i>Shale</i>	<i>50</i>	<i>80</i>			
<i>st Sand</i>	<i>80</i>	<i>95</i>			
<i>Shale</i>	<i>95</i>	<i>180</i>	<i>03-25-98A09:23 RCVD</i>		
<i>sand</i>	<i>180</i>	<i>257</i>			
<i>Sandy</i>	<i>257</i>	<i>285</i>			
<i>Shale</i>	<i>285</i>	<i>333</i>			
<i>Green Sand st Rock</i>	<i>333</i>	<i>355</i>			
<i>Course sp. Sand</i>	<i>355</i>	<i>390</i>			
<i>Sandy</i>	<i>390</i>	<i>400</i>			
IF MORE SPACE IS NEEDED, USE BACK					

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show location of each on sketch.