

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>Clarke</i>	
WELL NUMBER <i>4</i>	CODED <i>2017</i>
DATE WELL COMPLETED <i>11/22/94</i>	

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

NAME & MAILING ADDRESS OF LANDOWNER <i>Ray Wilkerson</i>			
<i>5206 Co Rd 672</i>			
<i>Quitman, ms</i>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<i>26</i>	<i>3^N</i>	<i>16^E</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>4 1/2</i> Miles	<i>East</i>	of <i>Quitman</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="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ <i>H/P 3/4</i>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>8</i>	<i>13</i>	<i>140</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>490'</i>	Casing Diameter (in.) <i>4"</i>	Casing Length (Ft.) <i>350'</i>
Type of Casing <i>4" PVC</i>	Hole Depth	Depth to Static Water Level <i>105'</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) _____		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): <input type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or <input type="checkbox"/> Mix		

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	Length - Feet	Slot Size - Inches
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>80' - 2" PVC Slotted pipe</i> <i>70' - 2" PVC</i> Top of Lap Pipe or Reduction in Casing <i>1-4x2" Rubber Seal</i> <i>1-2" back pressure valve</i>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clay & Sand</i>	<i>0</i>	<i>25</i>			
<i>Sandy Sand</i>	<i>25</i>	<i>50</i>	<i>Fine Sand</i>	<i>470</i>	<i>490</i>
<i>Sand</i>	<i>50</i>	<i>70</i>			
<i>Shale</i>	<i>70</i>	<i>140</i>			
<i>Sand</i>	<i>140</i>	<i>190</i>			
<i>Rock & Shale</i>	<i>190</i>	<i>310</i>			
<i>Shale with Sandy St</i>	<i>310</i>	<i>360</i>			
<i>st Sandy Shale</i>	<i>360</i>	<i>400</i>			
<i>Shale</i>	<i>400</i>	<i>420</i>			
<i># 10 Sand</i>	<i>420</i>	<i>430</i>			
<i>Shale</i>	<i>430</i>	<i>470</i>			

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