

**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>B 2041</i>	CODED
DATE WELL COMPLETED <i>7-16-96</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>Thomas Drilling</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Joseph Smith</i>			
<i>Rt. 2 Box 163</i>			
<i>Union</i>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
<i>Grid B</i>	<i>13</i>	<i>8 N S</i>	<i>11 E W</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>2</i> Miles	<i>5</i>	<i>UNION</i>	
OTHER LANDMARK <i>1 mile SE of church</i>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Chicken Houses</i>			

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) _____ H/P <i>1 1/2</i>		
Pump Capacity (GPM) <i>18</i>	No. of Stages <i>11</i>	Setting Depth <i>160</i> FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <i>250'</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>240'</i>
Type of Casing <i>pvc</i>	Hole Depth <i>250'</i>	Depth to Static Water Level <i>110'</i>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) *SAND PACKED*

WELL GROUTED TO A DEPTH OF *12* FEET  
Type Grout (circle one): *Cement*, Bentonite, or Mix

SCREEN DATA		
Diameter - Inches <i>4"</i>	Length - Feet <i>10'</i>	Slot Size - Inches <i>.010</i>
Screen Type <i>pvc wrapped</i>	Depth to Bottom - Feet <i>250'</i>	

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

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Actual Test
Driller's Remarks: <b>RECEIVED</b> <b>MAY 05 1997</b>			
Top of Lap Pipe or Reduction in Casing Quality Dept. of Environmental Quality Office of Land & Water Resources IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<i>DIRT</i>	<i>0</i>	<i>10</i>	<i>Green Sand</i>	<i>163 164</i>
<i>SAND</i>	<i>10</i>	<i>50</i>	<i>CLAY</i>	<i>168 170</i>
<i>BLUE CLAY</i>	<i>50</i>	<i>70</i>	<i>SAND</i>	<i>170 250</i>
<i>Rock</i>	<i>70</i>	<i>75</i>		
<i>CLAY &amp; SAND</i>	<i>71</i>	<i>76</i>		
<i>Rock</i>	<i>76</i>	<i>80</i>		
<i>CLAY &amp; SAND</i>	<i>80</i>	<i>105</i>		
<i>White SAND</i>	<i>105</i>	<i>123</i>		
<i>SAND CLAY &amp; Rocks</i>	<i>123</i>	<i>130</i>		
<i>CLAY</i>	<i>130</i>	<i>140</i>		
<i>SAND &amp; CLAY</i>	<i>140</i>	<i>163</i>		

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL

	X		

SECTION 13

Please indicate well location X.

ADDITIONAL INFORMATION

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