

**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>Green</i>	
WELL NUMBER <i>T 2040</i>	CODED
DATE WELL COMPLETED <i>12-13-94</i>	

PERMIT NUMBER <i>0408</i>
NAME OF DRILLING FIRM <i>Engel's Well Serv.</i>
<i>149 Depot Lucedale MS 39452</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Penny Mc Road Rt 574 Lucedale MS 39452</i>	
WELL LOCATION <i>Chapel 463 N</i>	SEC. <i>(24)</i> TOWNSHIP <i>(4) T1</i> RANGE <i>(N) R6</i>
DISTANCE <i>6</i> Miles	DIRECTION <i>NE</i> of NEAREST TOWN <i>Lucedale</i>
OTHER LANDMARK <i>Post Winery Chapel Church on Right</i>	
WELL PURPOSE <input type="checkbox"/> Home <input type="checkbox"/> 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) _____ H/P _____		
Pump Capacity (GPM) <i>10</i>	No of Stages <i>14</i>	Setting Depth <i>160'</i> FT.
PUMP TEST		
Well yielded <i>27</i> GPM with a drawdown of <i>10'</i> ft. after <i>1 1/2</i> hours of pumping		

WELL DATA		
Well Depth <i>189'</i>	Casing Diameter (In) <i>4"</i>	Casing Length (Ft) <i>179'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>189</i>	Depth to Static Water Level <i>120'</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" 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>air lift</i>		
WELL GROUTED TO A DEPTH OF <i>20</i> FEET Type Grout (circle one): Cement, Bentonite, or 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 <i>4"</i>	Length - Feet <i>10'</i>	Slot Size - Inches <i>#8</i>
Screen Type <i>wrapped PVC</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			
Top of Lap Pipe or Reduction in Casing			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION
<i>Top Soil</i>	<i>0</i>	<i>5</i>	
<i>Red Sand</i>	<i>5</i>	<i>20</i>	
<i>" Clay</i>	<i>20</i>	<i>40</i>	
<i>" Clay</i>	<i>40</i>	<i>80</i>	
<i>limited sand</i>	<i>80</i>	<i>90</i>	
<i>Sandy Clay</i>	<i>90</i>	<i>120</i>	
<i>" 1"</i>	<i>120</i>	<i>150</i>	
<i>Med Sand</i>	<i>150</i>	<i>170</i>	
<i>Extra Clean Sand</i>	<i>170</i>	<i>189</i>	

IF TELESKOPED OR MORE THAN 10 FEET, USE BACK  
**RECEIVED**

**FEB 10 1997**

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IF MORE SPACE IS NEEDED, USE BACK