

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>Benton</i>		PERMIT NUMBER
WELL NUMBER <i>H-2104</i>	CODED	NAME OF DRILLING FIRM <i>Medh Well</i>
<i>S-18 2000</i>		<i>Blue Mt</i>
DATE WELL COMPLETED		

NAME & MAILING ADDRESS OF LANDOWNER <i>Charlott Mercer</i> <i>Oakland MS</i>			
<i>Rt 2 Hwy S. S</i>			
WELL LOCATION # <i>4m</i>	SEC <i>4</i>	TOWNSHIP <i>3</i>	RANGE <i>1</i>
DISTANCE <i>4 1/2</i> Miles		DIRECTION <i>S</i>	NEAREST TOWN <i>Oakland</i>
OTHER LANDMARK <i>Beck Springs Church</i>			
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): <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</i>			
Pump Capacity (GPM) <i>12</i>	No. of Stages <i>10</i>	Setting Depth <i>180</i>	FT.
PUMP TEST			
Well yielded <i>10</i> GPM with a drawdown of <i>4</i> ft. after <i>8</i> hours of pumping			

WELL DATA		
Well Depth <i>680</i>	Casing Diameter (In) <i>4</i>	Casing Length (Ft) <i>400</i>
Type of Casing <i>PVC</i>	Hole Depth <i>405</i>	Depth to Static Water Level <i>140</i>
TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input checked="" type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <i>10</i> FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> 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>2</i>	Length - Feet <i>60</i>	Slot Size - Inches <i>Home Made</i>
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>620 - 680</i>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <i>lot of Iron Water</i> <i>100, 230 ft</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>top soil</i>			<i>Blue Clay</i>	<i>480</i>	<i>680</i>
<i>rock clay,</i>	<i>0</i>	<i>100</i>	<i>aquifer</i>		
<i>iron water aquifer</i>	<i>100</i>	<i>230</i>			
<i>Blue Clay</i>	<i>230</i>	<i>480</i>			
<i>rock</i>					

RECEIVED

JUN 21 2000

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IF MORE SPACE IS NEEDED, USE BACK