

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>Jackson</i>	
WELL NUMBER <i>R 2457</i>	CODED
DATE WELL COMPLETED <i>6-26-95</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>Castle Water Well Service</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Kevin McMillan Clearwater Rd Vance, Ms</i>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<i>27</i>	<i>6</i>	<i>7E</i>
DISTANCE	DIRECTION	NEAREST TOWN
<i>3 1/2</i> Miles	<i>SE</i>	of <i>Vance</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): Submersible, Turbine, <input checked="" type="radio"/> JET, Other (Describe) _____ Flowing Well, _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <i>1</i>		
Pump Capacity (GPM) <i>8</i>	No. of Stages <i>2</i>	Setting Depth _____ FT.
PUMP TEST Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <i>505</i>	Casing Diameter (In.) <i>2"</i>	Casing Length (Ft.) <i>495</i>
Type of Casing <i>PVC</i>	Hole Depth <i>505'</i>	Depth to Static Water Level <i>47'</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) _____		
WELL GROUTED TO A DEPTH OF <i>20</i> FEET Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or <input type="radio"/> Mix		

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

SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>10'</i>	Slot Size - Inches <i>.008</i>
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>505"</i>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Top Soil</i>	<i>0</i>	<i>2</i>
<i>Red Orange blue clay</i>	<i>2</i>	<i>41</i>
<i>Coarse sand</i>	<i>41</i>	<i>60</i>
<i>Orange clay</i>	<i>60</i>	<i>90</i>
<i>Coarse sand</i>	<i>90</i>	<i>135</i>
<i>Blue clay streak sand</i>	<i>135</i>	<i>210</i>
<i>Medium sand</i>	<i>210</i>	<i>231</i>
<i>Blue clay streak sand</i>	<i>231</i>	<i>465</i>
<i>Med-Coarse sand</i>	<i>465</i>	<i>505</i>

FORMATIONS (Continued)	FROM	TO
RECEIVED		
JUL 31 1995		
Dept. of Environmental Quality Office of Land & Water Resources		

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

		X	

SECTION 27

Please indicate well location X.

ADDITIONAL INFORMATION

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