

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 <u>TATE</u>	
WELL NUMBER <u>164</u>	CODED
DATE WELL COMPLETED <u>8-9-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL DRILLING & SERV.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>JAMES KENNY</u> <u>WARTON RD.</u> <u>INDEPENDENCE, MS</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>E-20</u>	<u>T-4</u>	<u>N-16</u>	<u>W-5</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>4</u> Miles	<u>E</u>	of <u>INDEPENDENCE</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u>			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>3/4</u>		
Pump Capacity (GPM) <u>12</u>	No of Stages <u>10</u>	Setting Depth <u>40</u> FT.
PUMP TEST		
Well yielded <u>15</u> GPM with a drawdown of <u>1</u> ft. after <u>1</u> hours of pumping		

WELL DATA		
Well Depth <u>145'</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>135'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>145'</u>	Depth to Static Water Level <u>25'</u>

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>WASHED SAND</u>	
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GEOLOGIC DATA (Office Use Only)			
Surface Elevation <u>105.0</u>	Geologic Unit <u>SANDSTONE</u>	Unit Thickness <u>15.0</u>	Depth to Top <u>10.0</u>
Surface Soil <u>CLAY</u>	Date <u>8-9-00</u>	Analysis	Aquifer Test

WELL GROUTED TO A DEPTH OF <u>10</u> FEET
Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix

Driller's Remarks <u>JAN 05 2001</u>
Top of Lap Pipe or Reduction in Casing <u>Office of Land & Water Resources</u>
FEET (IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE)

SCREEN DATA		
Diameter - inches <u>4"</u>	Length - Feet <u>10'</u>	Slot Size - inches <u>14 THOUS.</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>145</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>			
<u>RED + YELLOW CLAY</u>	<u>10</u>	<u>30</u>			
<u>WHITE CLAY</u>	<u>30</u>	<u>60</u>			
<u>WHITE SAND + CLAY</u>	<u>60</u>	<u>100</u>			
<u>WHITE SAND</u>	<u>100</u>	<u>145</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

X			

SECTION

E-20

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,