

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>ITADE</u>	
WELL NUMBER <u>173</u>	CODED
DATE WELL COMPLETED <u>9-1-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL DRILLING + SERVO.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>JAMES RUSCOE</u> <u>HWY 51 SOUTH</u> <u>SENATOBIA</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>M-1</u>	<u>T-6</u>	<u>R-1</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>5</u> Miles	<u>S</u>	of <u>SENATOBIA</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u>			

PUMP DATA			
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____ H/P <u>24</u>			
Pump Capacity (GPM)	No of Stages	Setting Depth	FT.
<u>12</u>	<u>10</u>	<u>80</u>	
PUMP TEST			
Well yielded <u>20</u> GPM with a drawdown of <u>3</u> ft. after <u>1</u> hours of pumping			

WELL DATA		
Well Depth	Casing Diameter (In)	Casing Length (Ft)
<u>151</u>	<u>4"</u>	<u>141</u>
Type of Casing	Hole Depth	Depth to Static Water Level
<u>PVC</u>	<u>151</u>	<u>60'</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>Washed Sand</u>		
WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<u>4"</u>	<u>10'</u>	<u>1/4" x 1/8"</u>
Screen Type	Depth to Bottom - Feet	
<u>PVC</u>	<u>151</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
<u>115</u>	<u>Q15</u>	<u>15</u>	<u>115</u>
Subs. SW	Subs. NE	Analysis	Aquifer Test
<u>RTS</u>	<u>RTS</u>	<u>RTS</u>	<u>RTS</u>
Driller's Remarks <u>JAN 05 2001</u>			
Top of Log Pipe or Reduction in Casing <u>Office of Land and Water Resources</u> FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>	<u>WHITE SAND</u>	<u>130</u>	<u>151</u>
<u>RED SAND + GRAVEL</u>	<u>20</u>	<u>70</u>			
<u>WHITE CLAY</u>	<u>70</u>	<u>100</u>			
<u>WHITE SAND + CLAY</u>	<u>100</u>	<u>130</u>			
IF MORE SPACE IS NEEDED, USE BACK					

If well telescopes please
sketch and show depths.

GROUND LEVEL

			X

SECTION M-7

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,