

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>ITTE</u>	
WELL NUMBER <u>179</u>	CODED
H-2180	
DATE WELL COMPLETED <u>9-14-00</u>	

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

NAME & MAILING ADDRESS OF LANDOWNER <u>JOE BRADCEY</u>			
<u>SENATOBIA LAKES</u>			
<u>SENATOBIA</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>I-30</u>	<u>T-5</u>	<u>S-14</u>	<u>E-6</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>6</u> Miles	<u>E</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 Turbine Jet Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric Tractor Diesel Gasoline Butane, Other (Describe) _____ H/P <u>1</u>			
Pump Capacity (GPM)	No of Stages	Setting Depth	
<u>12</u>	<u>13</u>	<u>100</u> FT.	
PUMP TEST			
Well yielded <u>15</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>170</u>	<u>4"</u>	<u>160</u>	
Type of Casing	Hole Depth	Depth to Static Water Level	
<u>PVC</u>	<u>170</u>	<u>80'</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, Bentonite, or Mix			

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, 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" TO 3/8"</u>
Screen Type	Depth to Bottom - Feet	
<u>PVC</u>	<u>170</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
<u>170</u>	<u>ARTESIAN SAND</u>	<u>10'</u>	<u>170</u>
Subs. Soil	Soil	Analysis	Aquifer Test
<u>ARTESIAN SAND</u>	<u>ARTESIAN SAND</u>	<u>ARTESIAN SAND</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 <input checked="" type="checkbox"/> TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>BROWN CLAY</u>	<u>0</u>	<u>20</u>	<u>WHITE SAND</u>	<u>170</u>	<u>170</u>
<u>RED SAND & GRAVEL</u>	<u>20</u>	<u>50</u>			
<u>WHITE CLAY & SAND</u>	<u>50</u>	<u>90</u>			
<u>WHITE CLAY</u>	<u>90</u>	<u>120</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION I-30

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,