

**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 <b>Desoto</b>	
WELL NUMBER <b>F-105</b>	CODED
DATE WELL COMPLETED <b>12-20-99</b>	

PERMIT NUMBER <b>15470</b>
NAME OF DRILLING FIRM <b>Wilson Well Co., INC</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>City of Nesbit</b>			
<b>PO Box 35</b>			
<b>Nesbit, MS 38651</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>25</b>	<b>2 N</b>	<b>8 E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

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 _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>500</b>		<b>252 FT.</b>
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>320</b>	<b>12</b>	<b>260</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>S/S</b>	<b>320</b>	<b>95</b>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>240 FEET</b> Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

LOG DATA			
TYPE OF LOG RUN (Circle One): <u>No Log Run</u> , Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____			
Name of Organization Running Log			
GEOLOGIC DATA (Circle One) <b>RECEIVED</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Feet from Top
Subs. SWL	Date	Analysis	Aquifer Test
	<b>SEP 05 2000</b>		
Driller's Remarks			
Dept. of Environmental Quality Office of Land & Water Resources			
Top of Lap Pipe or Reduction in Casing			
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>8</b>	<b>60</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>12" Stainless Steel</b>	<b>320</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Red Clay</b>	<b>0</b>	<b>20</b>	<b>Fine Sand</b>	<b>260</b>	<b>280</b>
<b>Coarse Clay</b>	<b>20</b>	<b>40</b>	<b>Sand</b>	<b>280</b>	<b>290</b>
<b>Hard Clay</b>	<b>40</b>	<b>100</b>	<b>Clay</b>	<b>290</b>	<b>295</b>
<b>Fine Sand</b>	<b>100</b>	<b>120</b>	<b>Sand</b>	<b>295</b>	<b>320</b>
<b>Medium Sand</b>	<b>120</b>	<b>140</b>			
<b>Sand</b>	<b>140</b>	<b>160</b>			
<b>Medium Sand</b>	<b>160</b>	<b>180</b>			
<b>Sand</b>	<b>180</b>	<b>195</b>			
<b>Coarse Clay</b>	<b>195</b>	<b>200</b>			
<b>Clay</b>	<b>200</b>	<b>224</b>			
<b>Sand</b>	<b>224</b>	<b>260</b>			

IF MORE SPACE IS NEEDED, USE BACK