

**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>219</b>	CODED
<b>E76</b>	
DATE WELL COMPLETED <b>2-6-01</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>SMITH WELL DRILLING &amp; SEW.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Kim Davis</b> <b>DEAN RD</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<b>H-34 T20</b>	<b>N</b>	<b>R9</b>	<b>E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>9</b> Miles	<b>N</b>	<b>EUDORA</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Home</b>			

<b>PUMP DATA</b>		
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 <b>77</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>17</b>	<b>11</b>	<b>80</b> FT.
PUMP TEST		
Well yielded <b>17</b> GPM with a drawdown of <b>7</b> ft. after <b>1</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>95</b>	<b>4"</b>	<b>75</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>PVC</b>	<b>95</b>	<b>55</b>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <b>WASHER 5" DIA</b>		
WELL GROUTED TO A DEPTH OF <b>10</b> FEET Type Grout (circle one): <input checked="" type="radio"/> Cement    Bentonite, or Mix		

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

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>4"</b>	<b>20</b>	<b>14 TAND.</b>
Screen Type	Depth to Bottom - Feet	
<b>PVC</b>	<b>95'</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>BROWN CLAY</b>	<b>0</b>	<b>30</b>
<b>GRAVEL + SAND</b>	<b>30</b>	<b>60</b>
<b>WHITE CLAY</b>	<b>60</b>	<b>70</b>
<b>GRAVEL + SAND</b>	<b>70</b>	<b>95</b>
<b>GREY CLAY</b>	<b>95</b>	

**RECEIVED**

**JUN 05 2001**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK