

**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>LATE</u>	
WELL NUMBER <u>416</u>	CODED
DATE WELL COMPLETED <u>3-1-03</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Smith Well Drilling + Sewer</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Howard Williams</u> <u>Buff W. Arkansas</u>			
Latitude:			
Longitude:			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>A29</u>	<u>T-4 N</u>	<u>R-9 W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>3 1/2</u> Miles	<u>W</u>	of <u>ARKADORA</u>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u>			

<b>PUMP DATA</b>			
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>3/4</u>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>
<u>Brown CLAY</u>	<u>10</u>	<u>30</u>
<u>WHITE + YELLOW CLAY</u>	<u>30</u>	<u>80</u>
<u>RED SAND + GRAVEL</u>	<u>80</u>	<u>105</u>
<u>GREY CLAY</u>	<u>105</u>	<u>210</u>
<u>WHITE SAND</u>	<u>210</u>	<u>247</u>

<b>WELL DATA</b>		
Well Depth <u>247</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>237</u>
Type of Casing <u>PVC</u>	Hole Depth <u>247</u>	Depth to Static Water Level <u>100'</u>
TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> 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 <input type="radio"/> Mix

<b>SCREEN DATA</b>		
Diameter - Inches <u>4"</u>	Length - Feet <u>10</u>	Slot Size - Inches <u>1/8" T&amp;S</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>247</u>	

<b>RECEIVED</b>	
MAR 19 2003	
BY: <u>OLWR</u>	
Top of Lap Pipe or Reduction in Casing	FEET
	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

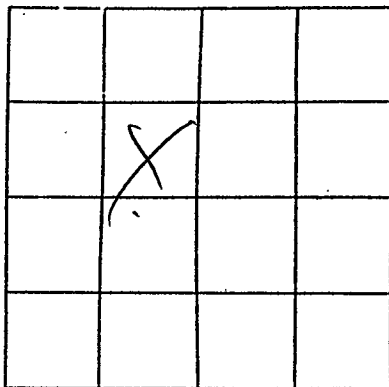
[Signature]  
Signature of Licensed Driller and License No. 0-645

3-10-03  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION A-29

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	
<u>10</u>	<u>12</u>	<u>120</u>	FT.

PUMP TEST

Well yielded 13 GPM with  
a drawdown of 4 ft.  
after 1 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) \_\_\_\_\_

Name of Organization Running Log

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

If more than one screen, show location of each on sketch.