

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>TATE</u>	
WELL NUMBER <u>7 AZ085</u>	CODED
DATE WELL COMPLETED <u>2-11-99</u>	

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

NAME & MAILING ADDRESS OF LANDOWNER <u>ROBERT OAKS</u>			
<u>ARKABOTLA RD</u>			
<u>COLDWATER</u>			
WELL LOCATION <u>A-25</u>	SEC <u>2</u>	TOWNSHIP <u>T4 N</u>	RANGE <u>R9 E</u>
DISTANCE <u>3</u> Miles	DIRECTION <u>SE</u>	NEAREST TOWN <u>ARKABOTLA</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u>			

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 <u>34</u>		
Pump Capacity (GPM) <u>12</u>	No. of Stages <u>10</u>	Setting Depth <u>140</u> FT.
PUMP TEST		
Well yielded <u>12</u> GPM with a drawdown of <u>2</u> ft. after <u>3</u> hours of pumping		

WELL DATA		
Well Depth <u>270</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>250'</u>
Type of Casing <u>PVC</u>	Hole-Depth <u>270</u>	Depth to Static Water Level <u>120'</u>

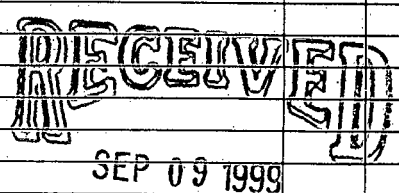
LOG DATA	
TYPE OF LOG RUN (Circle One): <u>No Log Run</u> , Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log	

TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , 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): Cement, Bentonite, or Mix	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>20'</u>	Slot Size - Inches <u>14 THOUS.</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>270'</u>	

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	FORMATIONS (Continued)	FROM	TO
<u>BROWN CLAY</u>	<u>0</u>	<u>20</u>			
<u>SAND + GRAVEL</u>	<u>20</u>	<u>50</u>			
<u>GREY CLAY</u>	<u>50</u>	<u>160</u>			
<u>GREY SAND</u>	<u>160</u>	<u>190</u>			
<u>SAND ROCK</u>	<u>190</u>	<u>192</u>			
<u>FINE WHITE SAND + CLAY</u>	<u>192</u>	<u>250</u>			
<u>COARSE WHITE SAND</u>	<u>250</u>	<u>270</u>			

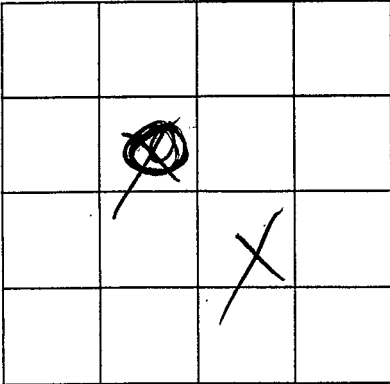
IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.



GROUND LEVEL

Large vertical rectangular area for sketching, starting from the "GROUND LEVEL" line.



SECTION A-25

Please indicate well location X.

ADDITIONAL INFORMATION

Series of horizontal lines for entering additional information.

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

