

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 <i>Tate</i>	
WELL NUMBER <i>A-2093</i>	CODED
DATE WELL COMPLETED <i>8/1/02</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>Office of geology</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Arkabutla Lake #1</i>			
LAT <i>34° 44' 45" N</i>			
LONG <i>90° 08' 07" W</i>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<i>10</i>	<i>4 N</i>	<i>9 E</i>
DISTANCE	DIRECTION	NEAREST TOWN	
Miles _____	of _____		
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>geologic Drill hole</i>			

PUMP DATA		
PUMP TYPE (Circle One): Submersible. Turbine. Jet. Flowing Well. Other (Describe) _____		
POWER TYPE (Circle One): Electric. Tractor. Diesel. Gasoline. Butane. Other (Describe) _____ H/P _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <i>600</i>	Casing Diameter (In.)	Casing Length (Ft.)
Type of Casing	Hoist Depth <i>600</i>	Depth to Static Water Level

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric Gamma Ray. Density. Sonic. Neutron. Other (Describe) _____	
Name of Organization Running Log <i>Office of geology</i>	

TYPE OF COMPLETION (Circle One or More). Gravel Packed. Underreamed. Telescoped. Natural Development. Open Hole. Other (Describe) _____	
WELL GROUTED TO A DEPTH OF <i>600</i> 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	Length - Feet	Slot Size - inches
Screen Type	Depth to Bottom - Feet	

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
<i>Clay</i>	<i>0</i>	<i>50</i>	<i>Sand</i>	<i>520</i>	<i>565</i>
<i>Sand</i>	<i>50</i>	<i>100</i>	<i>sandy clay</i>	<i>565</i>	<i>600</i>
<i>Clay</i>	<i>100</i>	<i>105</i>			
<i>Sand</i>	<i>105</i>	<i>300</i>			
<i>sandy clay</i>	<i>300</i>	<i>340</i>			
<i>Sand</i>	<i>340</i>	<i>445</i>			
<i>Sandy clay</i>	<i>445</i>	<i>450</i>			
<i>Sand</i>	<i>450</i>	<i>510</i>			
<i>Sandy clay</i>	<i>510</i>	<i>520</i>			

IF MORE SPACE IS NEEDED USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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