

**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>CLARKE</b>	
WELL NUMBER <b>W 2031</b>	CODED
DATE WELL COMPLETED <b>9/26/98</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>THOMPSON BROS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>HARRISON COOK</b>			
<b>P.O. BOX 26</b>			
<b>SHUBUTA MS. 39360</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>32</b>	<b>2</b>	<b>20</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>3</b> Miles	<b>W</b>	<b>DESOTO</b>	
OTHER LANDMARK <del>SHUBUTA</del>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>HOME</b>			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>1 H.P.</b>		<b>120'</b> FT.
PUMP TEST		
Well yielded <b>40</b> GPM with a drawdown of <b>30</b> ft. after <b>AIRLIFT</b> hours of pumping		

WELL DATA		
Well Depth <b>255</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>245</b>
Type of Casing <b>PVC</b>	Hole Depth <b>255</b>	Depth to Static Water Level <b>60</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches <b>4"</b>	Length - Feet <b>10</b>	Slot Size - Inches <b>.40</b>
Screen Type <b>PVC SLOT</b>	Depth to Bottom - Feet <b>255</b>	

GEOLOGICAL DATA			
Surface Elev.	Depth of Top of Lap Pipe	Depth of Top of Screen	Depth of Bottom of Screen
Subs. SWL	Date	Analysis	Aquifer Tests
Driller's Remarks <b>JAN 05 1999</b>			
Dept. of Environmental Quality Office of Land & Water Resources Top of Lap Pipe _____ FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED & YELLOW CLAY	0	15	FINE SAND	220	220
BLUE CLAY	15	45	MED WHITE SAND	225	255
MED WHITE SAND	45	48			
GREY CLAY	48	80			
LIMEY SHALE	80	100			
WHITE CLAY	100	106			
HARD ROCK	106	128			
GREY CLAY & ROCK	128	160			
BLUE-GREY CLAY	160	190			
SANDY BROWN CLAY	190	203			
SAND & RED CLAY	203	220			

