

**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>Tazoo</i>	
WELL NUMBER <i>D-28</i>	CODED
DATE WELL COMPLETED <i>7-15-04</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>Thompson Bros.</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Threshold Energy</i>			
<i>777 Taylor St Suite D</i>			
<i>Fort Worth Texas 76102</i>			
Latitude:			
Longitude:			
WELL LOCATION.	SEC	TOWNSHIP	RANGE
	<i>15</i>	<i>12</i>	<i>2</i>
		<i>S</i>	<i>W</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>5</i>	<i>W</i>	<i>of Pickens</i>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>rig supply</i>			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible    Turbine    Jet    Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric    Tractor    Diesel    Gasoline    Butane, Other (Describe) _____ H/P _____		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>clay</i>	<i>0</i>	<i>20</i>
<i>coarse sand</i>	<i>20</i>	<i>30</i>
<i>clay</i>	<i>30</i>	<i>220</i>
<i>sand</i>	<i>230</i>	<i>260</i>
<i>clay</i>	<i>260</i>	<i>270</i>
<i>sand &amp; clay strips</i>	<i>270</i>	<i>320</i>
<i>clay</i>	<i>320</i>	<i>330</i>
<i>shale</i>	<i>330</i>	<i>360</i>
<i>shale</i>	<i>360</i>	<i>440</i>
<i>sand</i>	<i>440</i>	<i>500</i>
<i>clay</i>	<i>500</i>	<i>505</i>
<b>RECEIVED</b>		
<i>AUG 02 2004</i>		
<b>BY: OLWR</b>		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

WELL DATA		
Well Depth <i>496</i>	Casing Diameter (In.) <i>4</i>	Casing Length (Ft.) <i>460</i>
Type of Casing <i>PVC</i>	Hole Depth <i>505</i>	Depth to Static Water Level <i>100'</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed    Underreamed    Telescoped, Natural Development,    Open Hole,    Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <i>10</i> FEET Type Grout (circle one): Cement, <input checked="" type="radio"/> Bentonite, or Mix		

SCREEN DATA		
Diameter - Inches <i>4</i>	Length - Feet <i>36</i>	Slot Size - Inches <i>.008</i>
Screen Type <i>PVC slotted</i>	Depth to Bottom - Feet <i>496</i>	

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.

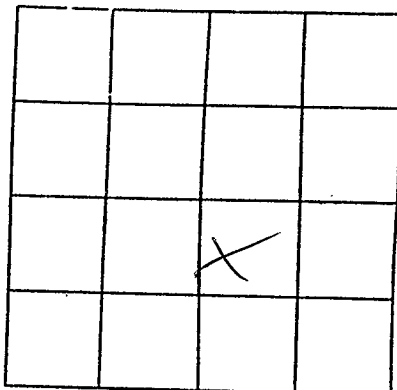
*John Thompson 0-0679*  
Signature of Licensed Driller and License No.

*7-27-04*  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 15

Please indicate well location X.

Pump Capacity (GPM) <u>85</u>	No. of Stages	Setting Depth <u>180</u> FT.
PUMP TEST		
Well yielded <u>60</u> GPM with a drawdown of <u>5</u> ft. after <u>airlift</u> 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.