

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>Forrest</u>	
WELL NUMBER <u>C-75</u>	CODED
DATE WELL COMPLETED <u>8-22-00</u>	

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

NAME & MAILING ADDRESS OF LANDOWNER <u>Twin Pines Golf Course</u> <u>Hwy 42 Petal MS</u>			
WELL LOCATION	SEC <u>34</u>	TOWNSHIP <u>5^N</u>	RANGE <u>12^E</u>
DISTANCE <u>2</u> Miles	DIRECTION <u>E</u>	NEAREST TOWN <u>Petal</u>	
OTHER LANDMARK			
WELL PURPOSE Home <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Tractor <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane, Other (Describe) _____ H/P <u>5</u>		
Pump Capacity (GPM) <u>55</u>	No of Stages	Setting Depth <u>180</u> FT.
PUMP TEST		
Well yielded <u>60</u> GPM with a drawdown of <u>10</u> ft. after <u>air lift</u> hours of pumping		

WELL DATA		
Well Depth <u>240</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>200</u>
Type of Casing <u>PVC</u>	Hole Depth <u>392</u>	Depth to Static Water Level <u>103'</u>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped, <input checked="" type="checkbox"/> Natural Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> No Log Run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>40</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>PVC Slot</u>	Depth to Bottom - Feet <u>240</u>	

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>top soil</u>	<u>0</u>	<u>3</u>			
<u>sand</u>	<u>3</u>	<u>10</u>			
<u>white clay</u>	<u>10</u>	<u>60</u>			
<u>med sand & clay</u>	<u>60</u>	<u>68</u>			
<u>coarse sand</u>	<u>68</u>	<u>90</u>			
<u>white clay</u>	<u>90</u>	<u>220</u>			
<u>sand & clay</u>	<u>220</u>	<u>240</u>			
<u>clay</u>	<u>240</u>	<u>392</u>			

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IF MORE SPACE IS NEEDED, USE BACK