

COUNTY WELL LOCATED  
**WARREN**

WELL NUMBER **8** CODED

**N-38**

DATE WELL COMPLETED  
**10/20/03**

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631

PERMIT NUMBER  
**MS-GW-15906**

NAME OF DRILLING FIRM  
**LAYNE-CENTRAL**

**JACKSON, MS**

WATER WELL DRILLERS LOG

NAME & ADDRESS OF LANDOWNER  
**HILLDALE WATER ASSOCIATION**  
**4326 LEE ROAD**  
**VICKSBURG, MS 39180**

LATITUDE **N 32° 17.600**  
LONGITUDE **W 090° 47.199**

WELL LOCATION	SEC	TOWNSHIP	RANGE
<b>NW¼</b>	<b>11</b>	<b>15N</b>	<b>4E</b>

DISTANCE	DIRECTION	NEAREST TOWN
<b>0.7</b> Miles	<b>FROM</b>	<b>HWY 27</b>

OTHER LANDMARK  
**AT END OF TILTON RANCH ROAD**

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)  
**RURAL WATER ASSOCIATION**

PUMP DATA

PUMP TYPE:  
Submersible  Turbine  Jet Flowing Well

Other (Describe) \_\_\_\_\_

POWER TYPE:  
Electric  Gasoline  Tractor  Diesel  Butane

Other (Describe) \_\_\_\_\_ H/P **60**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>BROWN LOAM</b>	<b>0</b>	<b>10</b>
<b>CLAY &amp; STREAKS FINE SAND</b>	<b>10</b>	<b>170</b>
<b>LIME &amp; CLAY</b>	<b>170</b>	<b>215</b>
<b>HARD SHALE &amp; CLAY</b>	<b>215</b>	<b>315</b>
<b>SHALE &amp; SAND STREAKS</b>	<b>315</b>	<b>340</b>
<b>FINE SAND</b>	<b>340</b>	<b>385</b>
<b>SHALE</b>	<b>385</b>	<b>400</b>

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>387'</b>	<b>16"</b>	<b>340'</b>

Type of Casing	Hole Depth	Depth to Static
<b>STEEL</b>	<b>387'</b>	<b>216'</b>

TYPE OF COMPLETION:

Gravel Packed  X  
Natural Development   
Open Hole

Underreamed  X  
Telescoped   
Other (Describe) \_\_\_\_\_

WELL GROUTED TO A DEPTH OF **340'** FEET

Type Grout:  
Cement  X Bentonite  Mix

SCREEN DATA

Diameter (In.)	Length (Ft.)	Slot Size (In.)
<b>10"</b>	<b>40'</b>	<b>0.018</b>

Screen Type	Depth to Bottom (Ft.)
<b>STAINLESS</b>	<b>387'</b>

**RECEIVED**

**MAR 16 2004**

**BY: OLIVER**

Top of Lap Pipe or IF TELESCOPED OR MORE THAN  
Reduction in Casing **265** FEET ONE SCREEN, USE PAGE.

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.

**LAYNE-CENTRAL**

By: *David Cook* **0-692** **3-15-04**

Signature of Licensed Driller and License No. Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL


SECTION 11

Please indicate well location X.

Pump Capacity (GPM) <b>300</b>	No. of Stages <b>6</b>	Setting Depth (Ft.) <b>330</b>	
PUMP TEST			
Well yielded <u>394</u> GPM with a drawdown of <u>18</u> feet after <u>24</u> hours of pumping.			
LOG DATA			
TYPE OF LOG	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>	
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe)			
Name of Organization Running Log			
<b>LAYNE-CENTRAL, JACKSON, MS</b>			
GEOLOGIC DATA (Office Use Only)			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
<b>BOTTOM CASING</b>		<b>340' G.L.</b>	
<b>TOP SCREEN</b>		<b>345' G.L.</b>	
<b>BOTTOM SCREEN</b>		<b>385' G.L.</b>	

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