

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Scott</b>	
WELL NUMBER <b>2</b>	CODED <input checked="" type="checkbox"/>
<b>P 36</b>	
DATE WELL COMPLETED <b>09/23/92</b>	

PERMIT NUMBER <b>14420</b>
NAME OF DRILLING FIRM <b>Layne-Central Co., AD. Inc.</b>
<b>Layne, Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>High Hill Water Association</b>			
<b>Rt. 2, Box 64</b>			
<b>Lake, Ms. 39042</b>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
<b>NE 1/4 SW 1/4</b>	<b>12</b>	<b>5 N</b>	<b>8 E</b>
DISTANCE	DIRECTION		NEAREST TOWN
<b>5</b> Miles	<b>South</b> of <b>Highway 501</b>		<b>High 501</b>
OTHER LANDMARK <b>@NORRIS Community Highway 501</b>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <b>Submersible</b> , Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <b>Electric</b> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>40</b>		
Pump Capacity (GPM) <b>150</b>	No. of Stages <b>12</b>	Setting Depth <b>445</b> FT.
PUMP TEST		
Well yielded <b>165</b> GPM with a drawdown of <b>120</b> ft. after <b>12</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>1260'</b>	Casing Diameter (In.) <b>8"</b>	Casing Length (Ft.)
Type of Casing <b>STEEL</b>	Hole Depth <b>1326'</b>	Depth to Static Water Level <b>226</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <b>Electric</b> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Layne-Central Co.</b>	

<b>SCREEN DATA</b>		
Diameter - Inches <b>4"</b>	Length - Feet <b>30'</b>	Slot Size - Inches <b>18</b>
Screen Type <b>SPS Wire Wrapped</b>	Depth to Bottom - Feet <b>5</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
<b>RECEIVED</b>			
Driller's Remarks			
<b>FEB 03 1993</b>			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Yellow Clay</b>	<b>0'</b>	<b>30'</b>	<b>Shale + Sand Strk.</b>	<b>771'</b>	<b>823'</b>
<b>Blue Clay</b>	<b>30'</b>	<b>343'</b>	<b>ROCK</b>	<b>823'</b>	<b>824'</b>
<b>Sandy Clay</b>	<b>343'</b>	<b>370'</b>	<b>Hard Clay</b>	<b>824'</b>	<b>963'</b>
<b>SAND</b>	<b>370'</b>	<b>430'</b>	<b>ROCK + Clay</b>	<b>963'</b>	<b>977'</b>
<b>SHALE</b>	<b>430'</b>	<b>498'</b>	<b>Clay</b>	<b>977'</b>	<b>986'</b>
<b>ROCK</b>	<b>498'</b>	<b>500'</b>	<b>Sandy Shale</b>	<b>986'</b>	<b>1046'</b>
<b>Hard Clay</b>	<b>500'</b>	<b>510'</b>	<b>Hard Shale</b>	<b>1046'</b>	<b>1172'</b>
<b>ROCK</b>	<b>510'</b>	<b>512'</b>	<b>Sand + Shale</b>	<b>1172'</b>	<b>1232'</b>
<b>Hard Clay</b>	<b>512'</b>	<b>535'</b>	<b>SAND</b>	<b>1232'</b>	<b>1292'</b>
<b>Sandy Clay w/ Lignite</b>	<b>535'</b>	<b>741'</b>	<b>Sandy Clay + Lignite</b>	<b>1292'</b>	<b>1326'</b>
<b>SAND</b>	<b>741'</b>	<b>771'</b>			

IF MORE SPACES 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.