

# MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>RANKIN</b>	
WELL NUMBER <b>F 69</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>1-27-90</b>	

PERMIT NUMBER <b>4182</b>
NAME OF DRILLING FIRM <b>GRINER DRILLING SER</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>TOWN OF FLOWOOD</b>			
<b>LUCKNEY ROAD - WELL #7</b>			
<b>WELL NO. 7</b>			
WELL LOCATION: <b>SW 1/4 SEC 24 T6 N SR2 E W</b>	SEC <b>24</b>	TOWNSHIP <b>T6 N</b>	RANGE <b>SR2 E</b>
DISTANCE _____ Miles	DIRECTION _____	NEAREST TOWN _____	
OTHER LANDMARK _____			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>125</b>		
Pump Capacity (GPM) <b>600</b>	No. of Stages <b>14</b>	Setting Depth <b>383</b> FT.
PUMP TEST		
Well yielded <b>641</b> GPM with a drawdown of <b>63.53</b> ft. after <b>8 HRS.</b> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.) <b>16</b>	Casing Length (Ft.)
Type of Casing <b>Steel</b>	Hole Depth <b>142.5 ft</b>	Depth to Static Water Level <b>193.88</b>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing <b>8 inch</b>		
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>MISS. BUREAU OF GEOLOGY</b>	

SCREEN DATA		
Diameter - Inches <b>8</b>	Length - Feet <b>92</b>	Slot Size - Inches <b>.012</b>
Screen Type <b>WIRE WOUND</b>		Depth to Bottom - Feet <b>734</b>

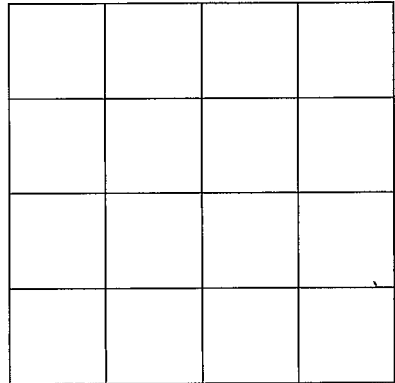
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>JAN 29 1990</b>			
Department of Natural Resources Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)	FROM		TO	
	FEET	FEET	FEET	FEET		FEET	FEET	FEET	FEET
<b>TOP SOIL</b>		<b>0</b>		<b>3</b>	<b>SANDY CLAY streaks</b>	<b>1160</b>		<b>1194</b>	
<b>CLAY</b>		<b>3</b>		<b>2.5</b>	<b>CLAY &amp; SAND streaks</b>	<b>1194</b>		<b>1270</b>	
<b>SAND</b>		<b>2.5</b>		<b>30</b>	<b>CLAY, hard</b>	<b>1270</b>		<b>1320</b>	
<b>CLAY</b>		<b>30</b>		<b>406</b>	<b>CLAY SAND w/shells</b>	<b>1320</b>		<b>1370</b>	
<b>SANDY CLAY streaks</b>		<b>406</b>		<b>606</b>	<b>CLAY &amp; ROCKS, hard</b>	<b>1370</b>		<b>1445</b>	
<b>CLAY</b>		<b>606</b>		<b>622</b>					
<b>SAND, fine; lignite layers</b>		<b>622</b>		<b>730</b>					
<b>CLAY</b>		<b>730</b>		<b>910</b>					
<b>CLAY &amp; SAND streaks</b>		<b>910</b>		<b>1068</b>					
<b>SAND &amp; CLAY streaks w/lignite</b>		<b>1068</b>		<b>1132</b>					
<b>CLAY</b>		<b>1132</b>		<b>1160</b>					

IF MORE SPACE IS 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.