

**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 <u>Madison</u>	
WELL NUMBER <u>U-2001</u>	CODED
DATE WELL COMPLETED <u>5-15-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>GARDNER DRILLING</u>
<u>SEBASTOPOL, MS. 39359</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>CALVIN SPEAKS</u> <u>285 GUNTER Rd.</u> <u>CANTON, MS.</u>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<u>22</u>	<u>8 N</u>	<u>3 E</u>
DISTANCE	DIRECTION	NEAREST TOWN
<u>6</u> Miles	<u>S</u> of	<u>CANTON</u>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, <u>Fish Pond, etc</u>		

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM) <u>19</u>	No. of Stages <u>12</u>	Setting Depth <u>200</u> FT.
PUMP TEST		
Well yielded <u>30</u> GPM with a drawdown of <u>20</u> ft. after <u>24</u> hours of pumping		

WELL DATA		
Well Depth <u>470</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>440'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>510</u>	Depth to Static Water Level <u>126'</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, <u>Telescoped</u> , Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <u>270</u> FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <u>2</u>	Length - Feet <u>30</u>	Slot Size - Inches <u>8</u>
Screen Type <u>PVC RIB</u>	Depth to Bottom - Feet <u>470</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
<u>Yellow clay</u>	<u>0</u>	<u>25</u>
<u>Blue clay</u>	<u>25</u>	<u>140</u>
<u>clay + shell</u>	<u>140</u>	<u>150</u>
<u>clay + rock + shell mix</u>	<u>150</u>	<u>175</u>
<u>clay</u>	<u>175</u>	<u>400</u>
<u>sand</u>	<u>400</u>	<u>480</u>
<u>sandy clay</u>	<u>480</u>	<u>570</u>

FORMATIONS (Continued)	FROM	TO
<u>JUL 11 2000</u>		
Dept. of Environmental Quality Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK		

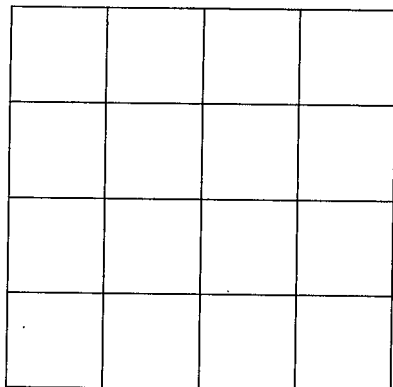
**RECEIVED**

If well telescopes please  
sketch and show depths.

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GROUND LEVEL

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SECTION \_\_\_\_\_

Please indicate well location X.

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ADDITIONAL INFORMATION

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

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