

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>Pike</u>	
WELL NUMBER <u>K 2109</u>	CODED
DATE WELL COMPLETED <u>Jun 10 - 1996</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Fitzgerald Well Service</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>E. Y. Taylor.</u>	
<u>RR Magnolia</u>	
WELL LOCATION: SEC <u>33</u> TOWNSHIP <u>1</u> RANGE <u>7</u> E W	
DISTANCE <u>5</u> Miles DIRECTION <u>SW</u> of NEAREST TOWN <u>Magnolia</u>	
OTHER LANDMARK	
WELL PURPOSE: <u>Home</u> Irrigation, Municipal, Industrial, Fish Pond, etc.	

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 <u>2</u>		
Pump Capacity (GPM) <u>35</u>	No. of Stages	Setting Depth <u>140'</u> FT.
PUMP TEST		
Well yielded <u>50</u> GPM with a drawdown of <u>1</u> ft. after <u>1</u> hours of pumping		

WELL DATA		
Well Depth <u>158'</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>138'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>158'</u>	Depth to Static Water Level <u>91'</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>10 FEET</u> Type Grout (circle one): Cement, Bentonite, <u>or Mix</u>		

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

SCREEN DATA		
Diameter - Inches <u>4"</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>012/012.</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>158'</u>	

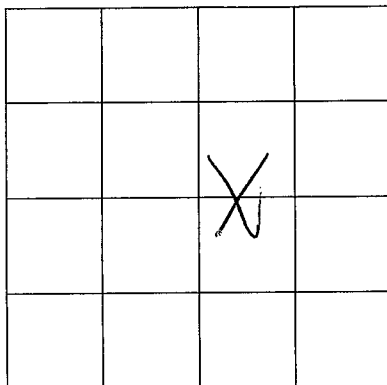
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Topsoil</u>	<u>0</u>	<u>5</u>
<u>red clay</u>	<u>5</u>	<u>30</u>
<u>sand & gravel</u>	<u>30</u>	<u>80</u>
<u>sand</u>	<u>80</u>	<u>100</u>
<u>clay</u>	<u>100</u>	<u>120</u>
<u>fine sand</u>	<u>120</u>	<u>130</u>
<u>course sands</u>	<u>130</u>	<u>158</u>

FORMATIONS (Continued)	FROM	TO
RECEIVED		
APR 23 1996		
Dept. of Environmental Quality Office of Land & Water Resources		
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.