

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

INDEX CODED

COUNTY WELL LOCATED <i>TADLER</i>	WELL NUMBER <i>K27</i>	PERMIT NUMBER
NAME OF DRILLING FIRM <i>McDonald-Hill</i>		
DATE WELL COMPLETED <i>7-7-88</i>		<i>Mentorian, MS.</i>

NAME & MAILING ADDRESS OF LANDOWNER
John Pierce
Bay Springs MS

WELL LOCATION: SEC *8* TOWNSHIP *N 2 S* RANGE *11 W*

DISTANCE *5* Miles **DIRECTION** *NE* of *Bay Springs* **NEAREST TOWN**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Lawn Sprinkler

PUMP DATA

PUMP TYPE (Circle One):
 Submersible, Turbine, Jet, Flowing Well,
Other (Describe) _____

POWER TYPE (Circle One):
 Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____

Pump Capacity (GPM) <i>50</i>	No. of Stages <i>19</i>	Setting Depth <i>357</i> FT.
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PUMP TEST
Well yielded _____ GPM with
a drawdown of _____ ft.
after _____ hours of pumping

WELL DATA

Well Depth <i>920'</i>	Casing Diameter (in.) <i>4"</i>	Casing Length (Ft.) <i>510'</i>
Type of Casing <i>BLACK PIPE</i>	Hole Depth <i>920'</i>	Depth to Static Water Level <i>246'</i>

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other
(Describe) _____

Top of Lap Pipe or Reduction in Casing
490' 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 <i>2"</i>	Length - Feet <i>30</i>	Slot Size - Inches <i>10-12/14</i>
Screen Type <i>STAINLESS STEEL</i>	Depth to Bottom - Feet <i>920'</i>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <i>1 - back wash valve</i> <i>2 - 2 x 4 shale traps</i> <i>1 - 4 x 2 K packer</i> <i>400' - 2" black pipe</i>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Fill Dirt w/ Rock</i>	<i>0</i>	<i>5</i>	RECEIVED <i>AUG 08 1988</i> Department of Natural Resources Bureau of Land & Water Resources	<i>670</i>	<i>670</i>
<i>SAND + CLAY</i>	<i>5</i>	<i>30</i>		<i>750</i>	<i>750</i>
<i>CLAY</i>	<i>30</i>	<i>50</i>		<i>820</i>	<i>820</i>
<i>SANDY</i>	<i>50</i>	<i>70</i>		<i>820</i>	<i>920</i>
<i>CLAY</i>	<i>70</i>	<i>90</i>			
<i>SANDY</i>	<i>90</i>	<i>120</i>			
<i>SAND & CLAY</i>	<i>120</i>	<i>145</i>			
<i>CLAY</i>	<i>145</i>	<i>440</i>			
<i>SOFT TONED CLAY</i>	<i>440</i>	<i>520</i>			
<i>SANDY</i>	<i>520</i>	<i>540</i>			
<i>POWDER SAND</i>	<i>540</i>	<i>585</i>			

IF MORE SPACE IS NEEDED, USE BACK