

**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  
Lauderdale

WELL NUMBER  
H 94-V

PERMIT NUMBER

NAME OF DRILLING FIRM  
McDonald & Hill

DATE WELL COMPLETED  
8/24/95

Madison, Miss.

NAME & MAILING ADDRESS OF LANDOWNER  
Larry Key  
6576A Hwy 493  
Meridian, MS 39305

WELL LOCATION SEC 19 TOWNSHIP 7<sup>N</sup> RANGE 16<sup>E</sup>

DISTANCE 1 Miles N of Madison

OTHER LANDMARK

WELL PURPOSE 0 Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**PUMP DATA**

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

POWER TYPE (Circle One):  
Electric Tractor, Diesel, Gasoline, Butane,  
Other (Describe) H/P 3/4

Pump Capacity (GPM) 8 No. of Stages 14 Setting Depth 240 FT.

PUMP TEST  
Well yielded 20 GPM with  
a drawdown of 25 ft.  
after 4 hours of pumping

**WELL DATA**

Well Depth <u>583</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>405</u>
Type of Casing <u>PVC</u>	Hole Depth <u>583</u>	Depth to Static Water Level <u>200'</u>

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

WELL GROUTED TO A DEPTH OF \_\_\_\_\_ FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

**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>10</u>	Slot Size - Inches <u>.008</u>
Screen Type <u>Stainless</u>	Depth to Bottom - Feet <u>583</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 Cap Pipe or Reduction in Casing

**RECEIVED**

IF IT IS RECORDED OR MORE THAN  
FIFTY FEET DEEP, USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay-Sand</u>	<u>0</u>	<u>40</u>	<u>SEP 01 1995</u>  Dept. of Environmental Quality Office of Land & Water Resources		
<u>Shale</u>	<u>40</u>	<u>65</u>			
<u>Sand-Rock St</u>	<u>65</u>	<u>100</u>			
<u>Shale</u>	<u>100</u>	<u>175</u>			
<u>Sandy Shale</u>	<u>175</u>	<u>195</u>			
<u>Shale</u>	<u>195</u>	<u>238</u>			
<u>Sandy Shale</u>	<u>238</u>	<u>285</u>			
<u>Shale</u>	<u>285</u>	<u>485</u>			
<u>Shale</u>	<u>485</u>	<u>583</u>			
<u>Sandy Shale</u>	<u>503</u>	<u>560</u>			
<u>Sand</u>	<u>560</u>	<u>583</u>			

IF MORE SPACE IS NEEDED, USE BACK