

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>Lauderdale</u>		PERMIT NUMBER
WELL NUMBER <u>47080</u>	CODED	NAME OF DRILLING FIRM <u>McDonald & Hill</u>
DATE WELL COMPLETED <u>6/28/94</u>		<u>Indu, Miss</u>

NAME & MAILING ADDRESS OF LANDOWNER
Doug McElhenny
8603 - old Hwy 19 S
Collinsville, Miss.

WELL LOCATION SEC TOWNSHIP RANGE
26 4 S 14 W

DISTANCE DIRECTION NEAREST TOWN
3/4 Miles East of Collinsville

OTHER LANDMARK

WELL PURPOSE 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 1

Pump Capacity (GPM) <u>12</u>	No. of Stages <u>14</u>	Setting Depth <u>140</u> FT.
----------------------------------	----------------------------	---------------------------------

PUMP TEST
Well yielded 13 GPM with
a drawdown of 30 ft.
after 3 hours of pumping

WELL DATA

Well Depth <u>460'</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>302'</u>
Type of Casing <u>PVC 460</u>	Hole Depth <u>130'</u>	Depth to Static Water Level

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):
Electric, No Log Run, Gamma Ray, Density, Sonic, Neutron,
Other (Describe)

Name of Organization Running Log

SCREEN DATA

Diameter - inches <u>2"</u>	Length - Feet <u>40'</u>	Slot Size - inches <u>#8</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>420</u>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
130'-2" PVC
1-2" back pressure valve
Top of Lap Pipe or Reduction in Casing

FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay sand</u>	<u>0</u>	<u>60</u>	<u>1-4 X 2 Rubber</u>		
<u>sand</u>	<u>60</u>	<u>82</u>			
<u>shale</u>	<u>82</u>	<u>190</u>			
<u>st sand</u>	<u>190</u>	<u>205</u>			
<u>shale</u>	<u>205</u>	<u>360</u>			
<u>st fine sand</u>	<u>360</u>	<u>420</u>			
<u>fine sand</u>	<u>420</u>	<u>490</u>			
<u>st fine sand</u>	<u>490</u>	<u>460</u>			

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED

JUL 07 1994

Dept. of Environmental Quality
Office of Land & Water Resources