

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 <i>Lumbardale</i>	PERMIT NUMBER
WELL NUMBER <i>M 2101</i>	NAME OF DRILLING FIRM <i>McDonald & Hill</i>
DATE WELL COMPLETED <i>5/28/97</i>	<i>Mdn. Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER
Ledbetter & Dean
509-21st ave
Meridian, Miss 39302

WELL LOCATION: SEC *20* TOWNSHIP *6* RANGE *15*

DISTANCE *2 1/2* Miles DIRECTION *W* of NEAREST TOWN *Mdn*

OTHER LANDMARK
Warehouse

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

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 *314*

Pump Capacity (GPM) <i>8</i>	No. of Stages <i>13</i>	Setting Depth <i>160</i> FT.
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PUMP TEST

Well yielded *30* GPM with a drawdown of *35* ft. after *4 1/2 hrs* hours of pumping

WELL DATA

Well Depth <i>460'</i>	Casing Diameter (In.) <i>4 1/2</i>	Casing Length (Ft.) <i>300'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>460</i>	Depth to Static Water Level <i>120'</i>

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 <i>2</i>	Length - Feet <i>60</i>	Slot Size - Inches
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>460</i>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
60' 2" Stalled pipe in bottom
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	FORMATIONS (Continued)	FROM	TO
<i>Clay & Sand</i>	<i>0</i>	<i>40</i>	<i>St Sandy Shale</i>	<i>416</i>	<i>460</i>
<i>Shale</i>	<i>40</i>	<i>120</i>			
<i>Fine Sand</i>	<i>120</i>	<i>135</i>			
<i>Shale</i>	<i>135</i>	<i>190</i>			
<i>St Sandy Shale</i>	<i>190</i>	<i>220</i>			
<i>Shale</i>	<i>220</i>	<i>310</i>			
<i>St Sandy Shale</i>	<i>310</i>	<i>330</i>			
<i>Shale</i>	<i>330</i>	<i>400</i>			
<i>St Sandy Shale</i>	<i>400</i>	<i>415</i>			
<i>Rock</i>	<i>415</i>	<i>416</i>			

RECEIVED

AUG 18 1997

Dept. of Environmental Quality
Office of Land and Water Resources