

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631

Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

LOCATED <i>Update</i>	PERMIT NUMBER
NUMBER <i>2020</i>	NAME OF DRILLING FIRM <i>McDonald & Hill</i>
CODED	<i>Madu, Miss.</i>
DATE WELL COMPLETED <i>7/31/97</i>	

NAME & MAILING ADDRESS OF LANDOWNER
John Thompson
P.O. Box 132
Butler, Ala. 36904

WELL LOCATION SEC TOWNSHIP RANGE
34 15 18

DISTANCE DIRECTION NEAREST TOWN
18 Miles *South of Madu*

OTHER LANDMARK
Hunting Club

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 *42*

Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>5</i>	<i>13</i>	<i>200</i> FT.

PUMP TEST

Well yielded *30* GPM with
a drawdown of *35* ft.
after *3* hours of pumping

WELL DATA

Well Depth <i>426</i>	Casing Diameter (In.) <i>4</i>	Casing Length (Ft.) <i>313</i>
Type of Casing <i>PVC</i>	Hole Depth <i>150</i>	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):
 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

SCREEN DATA

Diameter - Inches <i>2" slotted pipe</i>	Length - Feet <i>80'</i>	Slot Size - Inches
<i>PVC</i>	Depth to Bottom - Feet	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
1-4' 2" Rubber seal
45'-2" PVC
1-2" back pressure valves
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>42</i>	<i>Shale</i>	<i>380</i>	<i>400</i>
<i>Shale</i>	<i>42</i>	<i>60</i>	<i>Sandy shale</i>	<i>400</i>	<i>410</i>
<i>St Rock</i>	<i>60</i>	<i>72</i>	<i>Shale</i>	<i>410</i>	<i>426</i>
<i>Sandy Shale</i>	<i>72</i>	<i>105</i>			
<i>St Sand</i>	<i>105</i>	<i>185</i>			
<i>Shale</i>	<i>185</i>	<i>205</i>			
<i>Sand</i>	<i>205</i>	<i>300</i>			
<i>Shale</i>	<i>300</i>	<i>310</i>			
<i>St Sandy shale</i>	<i>310</i>	<i>344</i>			
	<i>344</i>	<i>380</i>			

RECEIVED

AUG 18 1997

Dept. of Environmental Quality
Office of Land & Water Resources