

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  
*Scott*

WELL NUMBER *N 24* CODED

DATE WELL COMPLETED  
*5-21-99*

PERMIT NUMBER

NAME OF DRILLING FIRM  
*McDonald & Hill*  
*Meridian, MS*

NAME & MAILING ADDRESS OF LANDOWNER  
*Diane Myrick*  
*120 GARDNER RD*  
*MORTON, MS*

WELL LOCATION: SEC *36* TOWNSHIP *5<sup>N</sup>* RANGE *6<sup>E</sup>*

DISTANCE *8* Miles DIRECTION *South* of NEAREST TOWN *Morton*

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
*Chicken Houses*

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

Pump Capacity (GPM) No. of Stages Setting Depth  
*33* *22* *336* FT.

PUMP TEST  
Well yielded *35+* GPM with  
a drawdown of *?* ft.  
after *12* hours of pumping

WELL DATA

Well Depth <i>1040</i>	Casing Diameter (In.) <i>4 X 2</i>	Casing Length (Ft.) <i>690 of 74</i>
Type of Casing <i>PVC</i>	Hole Depth <i>1040</i>	Depth to Static Water Level <i>240</i>

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

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>30</i>	Slot Size - Inches <i>.006</i>
Screen Type <i>Stainless Steel</i>	Depth to Bottom - Feet <i>1040</i>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks  
*336' 2" Blk Steel Cover*  
*Casing*

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 &amp; SAND</i>	<i>0</i>	<i>38</i>	<i>FINE SAND #6</i>	<i>980</i>	<i>1040</i>
<i>Blue clay</i>	<i>38</i>	<i>340</i>			
<i>Lime Rock</i>	<i>340</i>	<i>370</i>			
<i>FINE SAND, Brown shale</i>	<i>370</i>	<i>470</i>			
<i>Brown shale</i>	<i>470</i>	<i>540</i>			
<i>Blue shale, fine sand</i>	<i>540</i>	<i>630</i>			
<i>Shale</i>	<i>630</i>	<i>780</i>			
<i>SANDY shale, sand, rock</i>	<i>730</i>	<i>800</i>			
<i>FINE SAND</i>	<i>800</i>	<i>820</i>			
<i>Shale, fine sand, log</i>	<i>820</i>	<i>890</i>			
<i>Shale</i>	<i>890</i>	<i>980</i>			

RECEIVED  
JUN 21 1999

If well telescopes please sketch and show depths.

GROUND LEVEL

240' WL →

← 690' 4" PVC

← 336 ft.  
2" BK steel

30' 2" SS  
SCREENS


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

- ① Sticky blue clay
- ② Crumbly shale
- ③ need to use FZ mud instead of quick gel.
- ④ BK steel casing would be easier and safer to install.
- ⑤ took 8 days to drill, case, screen and develop.

If more than one screen, show location of each on sketch.