

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>Montgomery</u>	
WELL NUMBER <u>2</u>	CODED
<u>K-25</u>	
DATE WELL COMPLETED <u>4/22/04</u>	

PERMIT NUMBER <u>MSGW-1583/0</u>
NAME OF DRILLING FIRM <u>Herdson Well & Sply</u>
<u>Shannon, MS</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Kilmichael, Town of</u> <u>Kilmichael, MS</u>			
Latitude: <u>332624 N</u> Longitude: <u>893425 W</u>			
WELL LOCATION	SEC <u>9</u>	TOWNSHIP <u>18 N</u>	RANGE <u>7 E</u>
DISTANCE <u>Inside City limits</u>	DIRECTION <u>of</u>		NEAREST TOWN
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Municipal</u>			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>25</u>		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Red Clay</u>	<u>0</u>	<u>12</u>
<u>Red Gray White Sand w/Chalk Strks,</u>	<u>12</u>	<u>168</u>
<u>Gray Clay</u>	<u>168</u>	<u>214</u>
<u>Strked Sand & Lignite</u>	<u>214</u>	<u>252</u>
<u>Blue Clay, Strked Sand</u>	<u>252</u>	<u>350</u>
<u>Sand</u>	<u>350</u>	<u>475</u>
<u>Blue Clay</u>	<u>475</u>	<u>515</u>

WELL DATA		
Well Depth <u>460'</u>	Casing Diameter (In.) <u>12</u>	Casing Length (Ft.) <u>397</u>
Type of Casing <u>St</u>	Hole Depth <u>515'</u>	Depth to Static Water Level <u>103'</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		

WELL GROUTED TO A DEPTH OF <u>397</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix
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SCREEN DATA		
Diameter - Inches <u>6"</u>	Length - Feet <u>61'</u>	Slot Size - Inches <u>.020</u>
Screen Type <u>Stainless</u>	Depth to Bottom - Feet <u>460</u>	

RECEIVED	
<u>MAY 14 2004</u>	
BY: OIWR	
Top of Lap Pipe or Reduction in Casing <u>336'</u> FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Richard M. Herdson
Signature of Licensed Driller and License No.

5/03/04
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION 9

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
222	10	260 FT.

PUMP TEST

Well yielded 222 GPM with
a drawdown of 112 ft.
after 4 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): Electric Gamma Ray Density Sonic Neutron No Log Run.
Other (Describe) _____

Name of Organization Running Log

MS Office of Geology

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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