

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  
Newton

WELL NUMBER  
G-59

DATE WELL COMPLETED  
4-11-02

PERMIT NUMBER

NAME OF DRILLING FIRM  
McDonald & Heil  
Meridian, MS.

NAME & MAILING ADDRESS OF LANDOWNER  
David Huey  
15552 Hwy 503, Decatur

Latitude:  
Longitude:

WELL LOCATION. SEC 29 TOWNSHIP 7 RANGE 12  
N S E

DISTANCE 2 Miles DIRECTION SE of NEAREST TOWN Decatur

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
House, Barn, Sprinkle

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 3

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>CLAY</u>	<u>0</u>	<u>30</u>
<u>SAND</u>	<u>30</u>	<u>50</u>
<u>Shale, sandy st</u>	<u>50</u>	<u>54</u>
<u>Shale</u>	<u>54</u>	<u>118</u>
<u>Rock, shale, green</u>	<u>118</u>	<u>210</u>
<u>Shale + Rock</u>	<u>210</u>	<u>292</u>
<u>SAND</u>	<u>292</u>	<u>305</u>
<u>Shale</u>	<u>305</u>	<u>370</u>
<u>4" #8 SAND shale st</u>	<u>370</u>	<u>412</u>
<u>2" shale</u>	<u>412</u>	<u>415</u>

WELL DATA

Well Depth <u>455</u>	Casing Diameter (in.) <u>4x2</u>	Casing Length (ft) <u>220 ft</u>
Type of Casing <u>PVC</u>	Hole Depth <u>455</u>	Depth to Static Water Level <u>110</u>

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

WELL GROUTED TO A DEPTH OF 20 FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches <u>PVC</u>	Length - Feet <u>40</u>	Slot Size - Inches <u>8</u>
Screen Type <u>Johnson</u>	Depth to Bottom - Feet <u>455</u>	

**RECEIVED**

APR 18 2002

Dept. of Environmental Quality  
Office of Land & Water Resources

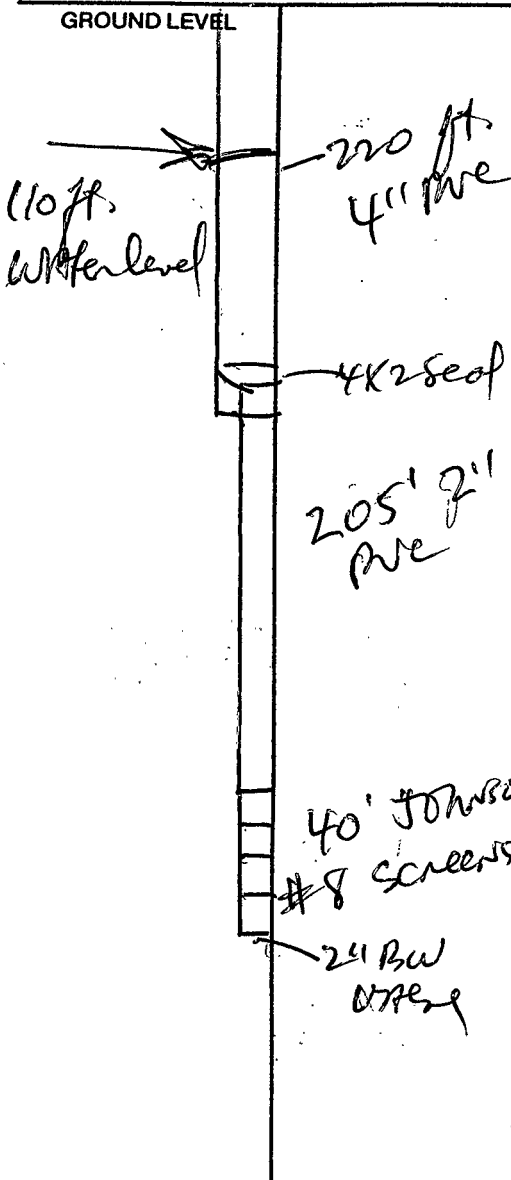
Top of Lap Pipe or Reduction in Casing  
210 FEET

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.

Robert Heil #0-8 4-16-02  
Signature of Licensed Driller and License No. Date

If well telescopes please sketch and show depths.




SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	
25	15	180	FT.
PUMP TEST			
Well yielded	35	GPM with	
a drawdown of	35	?	ft.
after	2	hours of pumping	

LOG DATA

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

Name of Organization Running Log \_\_\_\_\_

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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