

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 LATE	
WELL NUMBER E 2055	CODED
DATE WELL COMPLETED 11-13-98	

PERMIT NUMBER
NAME OF DRILLER HICK WATER WELL CO.
30242 HWY. 4 EAST
SENATOBIA, MS 38668

NAME & MAILING ADDRESS OF LANDOWNER Charles Ferguson			
13846 Arkabutla Rd.			
Coldwater, MS 38618			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	18	5 N	9 E
DISTANCE	DIRECTION	NEAREST TOWN	
1/2 Miles	SW	of Cottonville	
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="checkbox"/> Home, <input type="checkbox"/> Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input checked="" type="checkbox"/> Butane, Other (Describe) _____ H/P 3/4		
Pump Capacity (GPM) 12	No. of Stages	Setting Depth 140 FT.
PUMP TEST		
Well yielded no GPM with a drawdown of Test ft. after _____ hours of pumping		

WELL DATA		
Well Depth 250	Casing Diameter (In.) 4	Casing Length (Ft.) 240
Type of Casing PVC	Hole Depth 250	Depth to Static Water Level 90

TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____			
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WELL GROUTED TO A DEPTH OF 3 FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix

SCREEN DATA		
Diameter - Inches 4	Length - Feet 10	Slot Size - Inches .014
Screen Type PVC Slot	Depth to Bottom - Feet 240	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red + White Clay	0	30
Red + White Clay Band	30	60
Red Clay + Red Band	60	110
Gray Clay	110	190
White Sand	190	250

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input checked="" type="checkbox"/> No Log Run, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

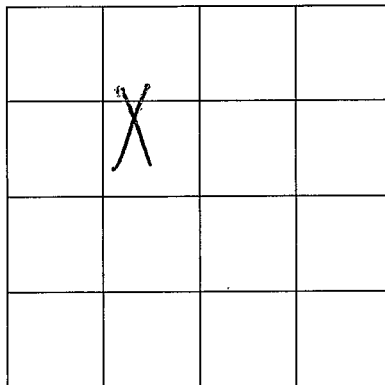
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks		
Top of Lap Pipe or Reduction in Casing		
<table border="1"> <tr> <td>FEET</td> <td>IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE</td> </tr> </table>	FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE
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FORMATIONS ENCOUNTERED FROM TO	
NO LOG RUN	
DEC 28 1998	
Dept. of Environmental Quality	
Office of Land & Water Resources	
IF MORE SPACE IS NEEDED, USE BACK	

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 18

Please indicate well location X.

ADDITIONAL INFORMATION

Hardness 11.69 gpg

Iron 1.53 ppm

Mg⁺⁺ .13 ppm

pH 6.86

TDS 218 ppm

Na+ Sulfate 18 ppm

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