

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <i>Newton</i>		PERMIT NUMBER
WELL NUMBER <i>81</i>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <i>McDonald & Keel</i>
DATE WELL COMPLETED <i>10/26/93</i>		<i>Madison, Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER
Gary Hellingworth

RT 1 Box 194

Lawrence, Miss.

WELL LOCATION: SEC *27* TOWNSHIP *6* RANGE *10*

DISTANCE *3/4* Miles DIRECTION *E* of NEAREST TOWN *Lake*

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Chickens 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 5*

Pump Capacity (GPM) <i>30</i>	No. of Stages <i>13</i>	Setting Depth <i>273</i> FT.
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PUMP TEST

Well yielded *30* GPM with
a drawdown of *35* ft.
after *4* hours of pumping

WELL DATA

Well Depth <i>1020</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>503'</i>
Type of Casing <i>pvc</i>	Hole Depth <i>503</i>	Depth to Static Water Level <i>760'</i>

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

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

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	Gate	Analysis	Aquifer Test

SCREEN DATA

Diameter - Inches <i>2"</i>	Length - Feet <i>20</i>	Slot Size - Inches <i>.010</i>
Screen Type <i>Stainless Steel</i>	Depth to Bottom - Feet <i>1020</i>	

Driller's Remarks

DEC 03 1993

Dept. of Environmental Quality
Office of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clay</i>	<i>0</i>	<i>30</i>	<i>sandy shale</i>	<i>575</i>	<i>620</i>
<i>Blue Shale</i>	<i>30</i>	<i>80</i>	<i>Shale</i>	<i>620</i>	<i>680</i>
<i>sandy shale</i>	<i>80</i>	<i>160</i>	<i>Rock + shale</i>	<i>680</i>	<i>710</i>
<i>Shale</i>	<i>160</i>	<i>190</i>	<i>green sand</i>	<i>710</i>	<i>735</i>
<i>Shale, sand st</i>	<i>190</i>	<i>220</i>	<i>Rock st + shale</i>	<i>735</i>	<i>890</i>
<i>sand</i>	<i>220</i>	<i>265</i>	<i>sand</i>	<i>890</i>	<i>900</i>
<i>Sandy shale + Rock st</i>	<i>265</i>	<i>340</i>	<i>shale st shale</i>	<i>900</i>	<i>920</i>
<i>Rock</i>	<i>340</i>	<i>341</i>	<i>sand + st shale</i>	<i>920</i>	<i>970</i>
<i>Sandy Shale + Rock st</i>	<i>341</i>	<i>470</i>	<i>fine sand</i>	<i>970</i>	<i>990</i>
<i>Shale</i>	<i>470</i>	<i>545</i>	<i>med sand</i>	<i>990</i>	<i>1020</i>
<i>Coarse Sand</i>	<i>545</i>	<i>575</i>			

IF MORE SPACE IS NEEDED, USE BACK

