

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <u>DeSoto</u>		PERMIT NUMBER <u>0287</u>
WELL NUMBER <u>D 2043</u>	CODED	NAME OF DRILLING FIRM <u>News Well Service</u>
DATE WELL COMPLETED <u>7-31-86</u>		

NAME & MAILING ADDRESS OF LANDOWNER <u>Hugh Kirkland</u> <u>Rt Smithdale</u>			
WELL LOCATION:	SEC <u>14</u>	TOWNSHIP <u>4</u>	RANGE <u>5</u> ^E / _W
DISTANCE <u>3</u> Miles	DIRECTION <u>West</u>	NEAREST TOWN <u>Marshall</u>	
OTHER LANDMARK <u>0</u>			
WELL PURPOSE (Home Irrigation, Municipal, Industrial, Fish Pond, etc.) <u>Trailer</u>			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM) <u>10</u>	No. of Stages <u>8</u>	Setting Depth <u>100</u> FT.
PUMP TEST Well yielded <u>10</u> GPM with a drawdown of <u>None</u> ft. after <u>1</u> hours of pumping		

WELL DATA		
Well Depth <u>113</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>103</u>
Type of Casing <u>P.V.C.</u>	Hole Depth <u>113</u>	Depth to Static Water Level <u>70</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, <u>Natural Development</u> , Open Hole, Other (Describe)		
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	

SCREEN DATA		
Diameter - Inches <u>4"</u>	Length - Feet <u>10'</u>	Slot Size - Inches <u>.012</u>
Screen Type <u>P.V.C.</u>		Depth to Bottom - Feet <u>113'</u>

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Red Clay</u>	<u>0</u>	<u>17</u>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED</div> JUL 1 1987 Department of Natural Resources Bureau of Land & Water Resources		
<u>Red sand</u>	<u>17</u>	<u>60</u>			
<u>sand & gravel</u>	<u>60</u>	<u>85</u>			
<u>heavily sand</u>	<u>85</u>	<u>100</u>			
<u>sand & gravel</u>	<u>100</u>	<u>113</u>			

IF MORE SPACE IS NEEDED, USE BACK