

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

**HA# 730004-04**

COUNTY WELL LOCATED <u>Union</u>	
WELL NUMBER <u>4</u>	CODED <input checked="" type="checkbox"/>
<u>D25</u>	
DATE WELL COMPLETED <u>08/08/97</u>	

PERMIT NUMBER <u>GW-16064</u>
NAME OF DRILLING FIRM <u>Herndon Well &amp; Supply</u>
<u>Shannon, MS</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Keownville Water Association</u>			
<u>1353 CR 158</u>			
<u>Dumas, MS 38625</u>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<u>20</u>	<u>6</u>	<u>4</u>
		<u>N</u>	<u>E</u>
		<u>S</u>	<u>W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>20</u> Miles	<u>North</u>	<u>of New Albany</u>	
OTHER LANDMARK <u>on Hwy #30</u>			
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>		
Pump Capacity (GPM) <u>105</u>	No. of Stages <u>19</u>	Setting Depth <u>352</u> FT.
PUMP TEST		
Well yielded <u>105</u> GPM with a drawdown of <u>123</u> ft. after <u>24</u> hours of pumping		

WELL DATA		
Well Depth <u>694</u>	Casing Diameter (In.) <u>10</u>	Casing Length (Ft.) <u>572</u>
Type of Casing <u>Steel</u>	Hole Depth <u>850</u>	Depth to Static Water Level <u>187'8"</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <u>511 FEET</u> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA		
TYPE OF LOG RUN (Circle One): No Log Run, <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____		
Name of Organization Running Log <u>MS Bureau of Geology</u>		
GEOLOGIC DATA (Office Use Only)		
Surface Elev. _____	Geologic Unit _____	Unit Thickness _____
Subs. SWL _____	Date _____	Analysis _____
Driller's Remarks <u>AUG 20 1997</u>		

SCREEN DATA		
Diameter - Inches <u>6</u>	Length - Feet <u>81.4</u>	Slot Size - Inches <u>.020</u>
Screen Type <u>SS Ribbed</u>	Depth to Bottom - Feet <u>694</u>	

<b>Dept. of Environmental Quality</b> <b>Office of Land &amp; Water Resources</b>	
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Brown Sandy Clay</u>	<u>0</u>	<u>16</u>	<u>Blue Clay</u>	<u>690</u>	<u>745</u>
<u>Blue Clay</u>	<u>16</u>	<u>20</u>	<u>Rock 2"</u>		<u>745</u>
<u>Red Sand</u>	<u>20</u>	<u>30</u>	<u>Strkd Blue Sand &amp; Clay</u>	<u>745</u>	<u>762</u>
<u>Strkd Blue Clay &amp; Sand</u>	<u>30</u>	<u>255</u>	<u>Rock 4"</u>		<u>762</u>
<u>Limerock</u>	<u>255</u>	<u>410</u>	<u>Strkd Blue Sand &amp; Clay</u>	<u>762</u>	<u>835</u>
<u>Strkd Blue Clay &amp; Clay</u>	<u>410</u>	<u>530</u>	<u>Rock &amp; Sand Streaks</u>	<u>835</u>	<u>850</u>
<u>Blue Clay</u>	<u>530</u>	<u>568</u>			
<u>Sand</u>	<u>568</u>	<u>595</u>			
<u>Blue Clay</u>	<u>595</u>	<u>605</u>			
<u>Strkd Blue Clay &amp; Clay</u>	<u>605</u>	<u>690</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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