

**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 <b>DESOTO</b>	
WELL NUMBER <b>3</b>	CODED
<b>A59</b>	
DATE WELL COMPLETED <b>12/08/99</b>	

PERMIT NUMBER <b>MSGW 15380</b>
NAME OF DRILLING FIRM <b>HERNDON WELL &amp; SUPPLY</b>
<b>SHANNON, MS 38868</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>WALLS WATER ASSOCIATION</b>		
<b>6200 GOODMAN ROAD</b>		
<b>WALLS, MS 38680</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>25</b>	<b>1</b>	<b>9</b>
DISTANCE DIRECTION NEAREST TOWN <b>INSIDE CITY LIMITS</b>		
OTHER LANDMARK <b>LAKE FOREST ESTATES</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>MUNICIPAL</b>		

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <b>Turbine</b> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <b>Electric</b> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <b>100</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>1155</b>	<b>5</b>	<b>250 FT.</b>
PUMP TEST		
Well yielded <b>1155</b> GPM with a drawdown of <b>61.5</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>1562</b>	<b>16</b>	<b>1481</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>Steel</b>	<b>1638</b>	<b>159</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing		
<b>1418</b>	<b>FEET</b>	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <b>Electric</b> , Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>MS OFFICE OF GEOLOGY</b>	

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

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>10</b>	<b>81</b>	<b>.020</b>
Screen Type	Depth to Bottom - Feet	
<b>SS Ribbed</b>	<b>1562</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SANDY CLAY	0	40	TIGHT SAND, CLAY STRKS	760	1140
COARSE SAND, PEA GRAVEL	40	100	HARD SHALE	1140	1475
BLUE CLAY	100	190	SAND	1475	1578
SANDY CLAY, SAND STRKS	190	360	CLAY	1578	1588
STREAKY CLAY, SAND, LIGNITE			SAND	1588	1630
STREAKS	360	405	CLAY	1630	1638
SAND CLAY STREAKS	405	570			
STREAKED SAND & CLAY	570	760			

**DO NOT REMOVE ORIGINALS**