

**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>SIMPSON</b>	
WELL NUMBER <b>3</b>	CODED <input checked="" type="checkbox"/>
<b>F15</b>	
DATE WELL COMPLETED <b>12/19/91</b>	

PERMIT NUMBER <b>MS 9W-14182</b>
NAME OF DRILLING FIRM <b>Layne-Central Co., A Div. of</b> <b>Layne-Western Co., Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Smith Crossing Water Assoc</b> <b>P.O. Box 956</b> <b>(Rt. 1, Box 41A)</b>	
<b>MAGEE, MS 39111</b>	
WELL LOCATION: <b>NW 1/4 of NW 1/4</b> <b>Q. 140 V4</b>	SEC <b>28</b> TOWNSHIP <b>2 N</b> RANGE <b>6 E</b>
DISTANCE <b>3</b> Miles	DIRECTION <b>West</b> of <b>Smith Cr. Line</b>
OTHER LANDMARK	
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>	

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet <input type="radio"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____ H/P <b>40</b>		
Pump Capacity (GPM) <b>150</b>	No. of Stages <b>22</b>	Setting Depth <b>586</b> FT.
PUMP TEST		
Well yielded <b>172</b> GPM with a drawdown of <b>210.7'</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>984'</b>	Casing Diameter (In.) <b>10"</b>	Casing Length (Ft.) <b>929</b>
Type of Casing <b>STEEL</b>	Hole Depth <b>1006'</b>	Depth to Static Water Level <b>215'</b>
TYPE OF COMPLETION: (Circle One or More) <input checked="" type="checkbox"/> Gravel Packed, <input checked="" type="checkbox"/> Underreamed, <input checked="" type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other		
Top of Lap Pipe or Reduction in Casing <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

<b>LOG DATA</b>	
TYPE OF LOG-RUN (Circle One): <input checked="" type="radio"/> Electric, <input checked="" type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Layne-Central Co.</b>	

<b>(Split) SCREEN DATA</b>		
Diameter - Inches <b>6"</b>	Length - Feet <b>30'</b>	Slot Size - Inches <b>16</b>
Screen Type <b>S/S W.W. Rod Base</b>	Depth to Bottom - Feet <b>973</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>(934' - 954')</b> <b>SPLIT SCREEN: 20' of SCREEN,</b> <b>(954' - 968')</b> <b>14' BLANK + 10' SCREEN (968' - 978')</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	1	Clay + Sand Strks.	370	425
Yellow + White Clay	1	16	SAND	425	455
White Sand + Gravel	16	40	Hard Clay + Lime Strks.	455	570
Yellow Clay	40	46	Clay + Sand Strks.	570	600
Sand + White Clay	46	73	SANDY CLAY	600	690
Blue + White Sandy Clay	73	141	Clay of Fine Sand Strks.	690	770
Hard Clay + Rock	141	165	Clay + Lime Strks	770	810
Hard Clay	165	187	Shale + Sand Strks.	810	870
Sand + Clay Strks.	187	288	FINE SAND	870	906
Clay	288	324	SAND + SHALE	906	911
Clay + Lime Strks.	324	370	IF MORE SPACE IS NEEDED, USE BACK	<b>(OVER)</b>	

If well telescopes please sketch and show depths.

GROUND LEVEL

RECEIVED

MAY 18 1992

Dept. of Environmental Quality  
Bureau of Land & Water Resources


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

60' of 6" CASINGS

Formation:	From	To
FINE SAND	911	960
HARD SHALE	960	968
FINE SAND	968	1001
SHALE	1001'	1006'

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