

**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>Calhoun</b>	
WELL NUMBER <b>3 EB</b>	PERMIT NUMBER <b>BW 15102</b>
DATE WELL COMPLETED <b>02/27/97</b>	NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
	Shannon, MS 38868

NAME & MAILING ADDRESS OF LANDOWNER <b>Poplar Springs Water Assoc.</b>			
<b>Route 2, Box 252</b>			
<b>Vardaman, MS 38878</b>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<b>33</b>	<b>12 N S 1 W</b>	<b>1</b>	
DISTANCE	DIRECTION	NEAREST TOWN	
<b>8</b> Miles	<b>North</b>	of <b>Vardaman</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>			

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 <b>50</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>375</b>	<b>9</b>	<b>312 FT.</b>
PUMP TEST		
Well yielded <b>375</b> GPM with a drawdown of <b>8.1</b> ft. after <b>8</b> hours of pumping		

WELL DATA		
Well Depth <b>1780'</b>	Casing Diameter (in.) <b>12"</b>	Casing Length (ft.) <b>1727</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1810</b>	Depth to Static Water Level <b>270'</b>
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 <b>1644 FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Depth to Top	
Subs. Elev.	Depth to Bottom	Aquifer Test	
Driller's Remarks			
<b>RECEIVED</b>			
<b>FEB 20 1997</b>			
Dept. of Environmental Quality Office of Land & Water Resources			

SCREEN DATA		
Diameter - Inches <b>8"</b>	Length - Feet <b>52'</b>	Slot Size - Inches <b>.030</b>
Screen Type <b>SS Welded</b>	Depth to Bottom - Feet <b>1780'</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	3	Blue Clay	1385	1472
Red & Yellow Sand	3	25	Rock		1472
Blue Clay	25	600	Blue Clay	1472	1490
Sand	600	680	Rock		1490
Blue Clay/Stkd Sand	680	740	Blue Clay, Hard Shale	1490	1524
Limerock	740	1158	Rock		1524
Blue Clay	1158	1206	Hard Shale	1524	1581
Rock		1206	Rock		1581
Strkd Blue Clay&Sand,			Pea Gravel&Shale Rock	1581	1610
Shale Rock	1206	1385	Hard Shale	1610	1642
Rock		1385	IF MORE SPACE IS NEEDED, USE BACK (over)		