

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 Clarke	
WELL NUMBER M 74	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER MS-GW-14694	
NAME OF DRILLING FIRM Layne-Central Co.	
DATE WELL COMPLETED May 1994	
A Division of Layne, Inc.	

NAME & MAILING ADDRESS OF LANDOWNER Harmony Water Association		
P.O. Box 342		
Quitman, MS 39355		
WELL LOCATION: SEC	TOWNSHIP	RANGE
6	2	N 15 E
DISTANCE 4 Miles	DIRECTION West	NEAREST TOWN Quitman
OTHER LANDMARK County roads 120 & 133, at new water tank		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P		
Pump Capacity (GPM) 350	No. of Stages 4	Setting Depth 100 FT.
PUMP TEST		
Well yielded 352 GPM with a drawdown of 7 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1975	Casing Diameter (In.) 12	Casing Length (Ft.) 1925
Type of Casing Steel	Hole Depth 2035	Depth to Static Water Level 42'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 1865 FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne-Central Company	

SCREEN DATA		
Diameter - Inches 8	Length - Feet 40	Slot Size - Inches 20
Screen Type High Tech stainless Ww	Depth to Bottom - Feet 1977	

GEOLOGIC DATA (Office Use Only)		
Surface Elev.	Geologic Well	Depth to Top
Subs. SWL		Test
Driller's Remarks		
MAY 01 1995		
Dept. of Environmental Quality Office of Land & Water Resources		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0'	15'	Clay	710'	895'
Blue Clay	15'	33'	Rock	895'	897'
Brown Clay	33'	75'	Clay	897'	947'
Sand & Clay streaks	75'	140'	Rock	947'	948'
Shale	140'	205'	Clay	948'	1096'
Fine Sand & clay streaks	205'	310'	Rock	1096'	1097'
Sand	310'	399'	Clay	1097'	1050
Shale	399'	480'	Rock	1650'	1652
Shales & sand streaks	480'	510'	Clay	1652'	1660'
Shale	510'	674'	Sand	1660'	1675'
Sandy Clay	674'	710'	CONTINUED		

IF MORE SPACE IS NEEDED, USE BACK