

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 HINDS	
WELL NUMBER 1	CODED <input checked="" type="checkbox"/>
F 51	
DATE WELL COMPLETED 10/19/92	

PERMIT NUMBER MS 6W 14615
NAME OF DRILLING FIRM Layne-Central Co., A Div of
Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER MT. OLIVE WATER ASSOC.		
3 Hinds Cty. Board of Supervisors		
P.O. Box 684		
JACKSON, MS 39201		
WELL LOCATION: SEC	TOWNSHIP	RANGE
8	6 S	2 E
DISTANCE	DIRECTION	NEAREST TOWN
1 1/2 Miles	North of	I-20
OTHER LANDMARK W. Northside Drive		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

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 60		
Pump Capacity (GPM)	No. of Stages	Setting Depth
320	17	320 FT.
PUMP TEST		
Well yielded 350 GPM with a drawdown of 40 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1128'	Casing Diameter (In.) 10"	Casing Length (Ft.) 1075'
Type of Casing STEEL	Hole Depth 1225'	Depth to Static Water Level 182'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 1013 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Form	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Applic. Test
REGISTERED			
Driller's Remarks MAY 10 1993 1125/10			
Dept. of Environmental Quality Office of Land & Water Resources			

SCREEN DATA		
Diameter - Inches 6"	Length - Feet 45'	Slot Size - Inches 16
Screen Type s/s w/w (Johnson)	Depth to Bottom - Feet 3	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Brown Clay	0'	15'	FINE SAND	950'
White Clay	15'	25'	CLAY	962'
Brown Clay	25'	55'	CLAY + SAND STRKS.	982'
Blue Clay	55'	82'	FINE SAND	1050'
Lime Rock	82'	115'	CLAY + FINE SAND	1092'
Clay + Sand Strks.	115'	230'	SAND CLAY + LIGNITE STRKS.	1107'
Blue Clay	230'	720'	CLAY	1154'
HARD CLAY	720'	725'	SANDY CLAY	1185'
Shale + Sand Strks.	725'	750'	CLAY	1205'
CLAY	750'	868'		
SANDY CLAY	868'	950'		

IF MORE SPACE IS NEEDED, USE BACK