

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 Sunflower	
WELL NUMBER Well- 1	CODED <input checked="" type="checkbox"/>
E 78	
DATE WELL COMPLETED 12/15/93	

PERMIT NUMBER
NAME OF DRILLING FIRM Layne-Central

NAME & MAILING ADDRESS OF LANDOWNER Sunflower Water Association	
P.O. Drawer A	
Indianola, MS 38751	
WELL LOCATION: SEC	TOWNSHIP RANGE
5	T22 R4
DISTANCE	DIRECTION
5 Miles	East
NEAREST TOWN Merigold	
OTHER LANDMARK	
WELL PURPOSE: Home, Irrigation, Municipal Industrial, Fish Pond, etc. Water Association	

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 15		
Pump Capacity (GPM)	No. of Stages	Setting Depth
175	7	126 FT.
PUMP TEST		
Well yielded 190 GPM with a drawdown of 9 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 724'	Casing Diameter (In.) 16"	Casing Length (Ft.) 642 38' 7"
Type of Casing	Hole Depth 737'	Depth to Static Water Level 44' 9"
TYPE OF COMPLETION: (Circle One or More): Gravel Packed Underreamed, Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing 561' 7" FEET		
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log Layne	

SCREEN DATA		
Diameter - Inches 6"	Length - Feet 75' 8"	Slot Size - Inches .020"
Screen Type Stainless Steel	Depth to Bottom - Feet 724'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Acquired Test
JUL 22 1994			
Dept of Env. Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	10	Clay	408	525
Sand	10	55	Hard Rock	525	527
Coarse Sand	55	86	Clay	527	589
Coarse Sand & Pee Gr.	86	111	Rock	589	591
Coarse Sand & Gravel	111	173	Clay	591	614
Rock	173	175	Sand	614	634
Sand	175	248	Sand & Lignite	634	645
Clay	248	253	Sand	645	734
Sand & Stks of Sand	253	317	Clay	734	737
Clay	317	379			
Sand	379	408			
IF MORE SPACE IS NEEDED, USE BACK					

