

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	
Washington	
WELL NUMBER	CODE
E 148	<input checked="" type="checkbox"/>
DATE WELL COMPLETED	
8/25/93	

PERMIT NUMBER
GW-1445
NAME OF DRILLING FIRM
Layne-Central

NAME & MAILING ADDRESS OF LANDOWNER		
Mississippi State University		
P.O. Box 513		
Greenwood, MS 38930		
WELL LOCATION:	SEC	TOWNSHIP RANGE
	10	T18 ^(N) R7 ^(W)
DISTANCE	DIRECTION	NEAREST TOWN
OTHER LANDMARK		
WELL PURPOSE: Home <u>Irrigation</u> Municipal, Industrial, Fish Pond, etc.		

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 <u>40</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>500</u>	<u>4</u>	<u>145 FT.</u>
PUMP TEST		
Well yielded <u>500</u> GPM with a drawdown of <u>43</u> ft. after <u>24</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<u>1089' 7"</u>	<u>14"</u>	<u>1030'</u>
Type of Casing	Hole Depth	Depth to Static Water Level
<u>Iron</u>	<u>1108'</u>	<u>40'</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing		
FEET 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	
Layne	

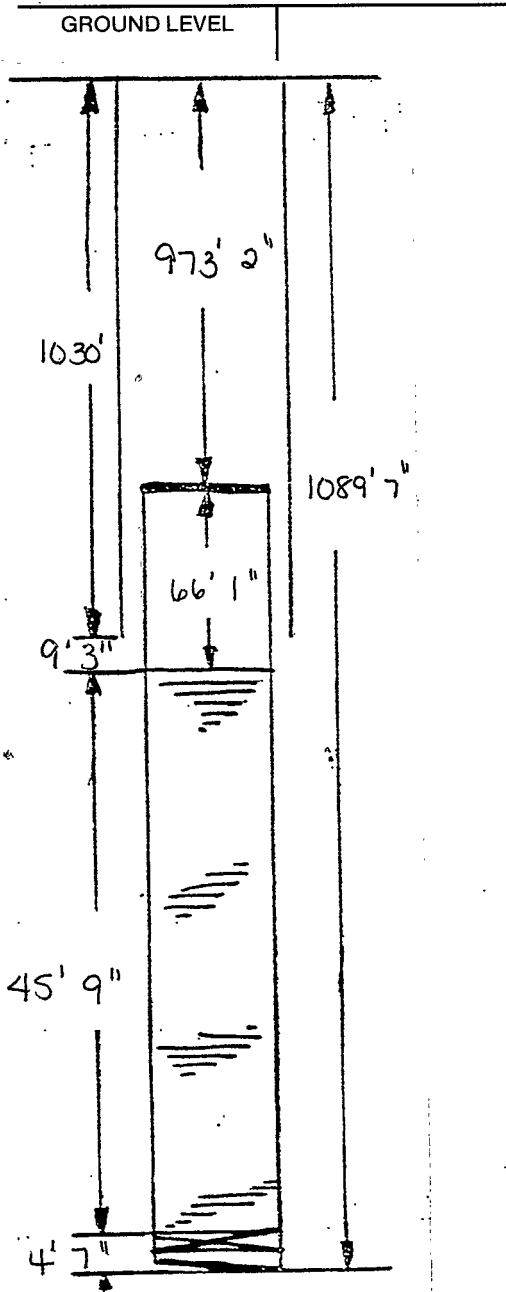
SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<u>10"</u>	<u>45' 9"</u>	<u>.015"</u>
Screen Type	Depth to Bottom - Feet	
<u>Stainless Steel</u>	<u>1085'</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
JUL 22 1994			
Dept. of Environmental Quality Office of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	14	Clay	365	386
Fine Sand	14	30	Sandy Clay	386	420
Coarse Sand	30	61	Sand & Streaks of Clay	420	478
Coarse Sand & Pee Grav	61	96	Clay	478	487
Coarse Sand & Gravel	96	101	Sand	487	530
Hard Clay	101	120	Clay	530	574
Sandy Clay	120	165	Sand	574	617
Clay	165	262	Clay & Streaks of sand	617	665
Hard Clay	262	295	Sandy Clay	665	676
Clay	295	348	Sand & Streaks of Clay	676	761
Sand and Clay Streaks	348	365	IF MORE SPACE IS NEEDED, USE BACK.	Continue	

on back

If well telescopes please sketch and show depths.



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

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Continue from front

Sandy Clay	761	-821
Clay	821	-869
Sand & Clay Stks	869	-889
Clay	889	-1020
Rock	1020	-1021
Sandy Clay	1021	-1045
Sand	1045	-1098
Clay	1098	-1108