

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 Lauderdale	
WELL NUMBER 5	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER MS-LW 14676	
NAME OF DRILLING FIRM Layne-Central Co., A	
DATE WELL COMPLETED Dec. 1993	
DIVISION OF Layne, Inc.	

NAME & MAILING ADDRESS OF LANDOWNER
Mississippi Dept of Transportation
P.O. Box 1850
Jackson, MS 39215-1850

WELL LOCATION: SEC _____ TOWNSHIP **17** RANGE **16**
Meridian N 16 E

DISTANCE _____ MILES _____ of **Meridian**

OTHER LANDMARK _____

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

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 100

Pump Capacity (GPM) 1400	No. of Stages 3	Setting Depth FT.
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PUMP TEST
Well yielded **1413** GPM with
a drawdown of **37.8** ft.
after **4.5** hours of pumping

WELL DATA

Well Depth 747'	Casing Diameter (In.) 18"	Casing Length (Ft.) 645'
Type of Casing Steel	Hole Depth 810'	Depth to Static Water Level 88'

TYPE OF COMPLETION: (Circle One or More):
Gravel Packed Underreamed, Telescoped,
Natural Development, Open Hole, Other _____

Top of Lap Pipe or Reduction in Casing
662' 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 Co.

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL			

Driller's Remarks

RECEIVED

MAR 28 1994

Dept. of Environmental Quality
Office of Land & Water Resources

SCREEN DATA

Diameter - Inches 12"	Length - Feet 70'	Slot Size - Inches .020"
Screen Type Stainless steel	Depth to Bottom - Feet 5'	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand	0'	2'	Sand & clay streaks	560'	680'
Sand & clay	2'	32'	Sand	680'	750'
Hard clay	32'	115'	Sand & clay streaks	750'	810'
Sandy clay	115'	190'			
Clay	190'	250'			
Hard clay	250'	290'			
Clay	290'	335'			
Sand & clay streaks	335'	450'			
Rock	450'	452'			
Sand & clay streaks	452'	475'			
Clay	475'	540'			

IF MORE SPACE IS NEEDED, USE BACK