

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 Leake		PERMIT NUMBER MSGW 14791
WELL NUMBER 2	CODED <input checked="" type="checkbox"/>	
F 57		NAME OF DRILLING FIRM Layne-Central Co., A
DATE WELL COMPLETED Feb 10, 1994		Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
New Providence Water Assoc.
P.O. Box 542
Carthage, MS 39051

WELL LOCATION: SEC **28** TOWNSHIP **11 N** RANGE **7 E**

DISTANCE **1** Miles **North** of **Hwy 25**

OTHER LANDMARK
Near Booster Station

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 **95**

Pump Capacity (GPM)	No. of Stages	Setting Depth
312	5	210 FT.

PUMP TEST

Well yielded **312** GPM with
a drawdown of **35.6** ft.
after **24** hours of pumping

WELL DATA

Well Depth 985'	Casing Diameter (In.) 12"	Casing Length (Ft.) 940'
Type of Casing Steel	Hole Depth 1027'	Depth to Static Water Level 115'

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

Top of Lap Pipe or Reduction in Casing
865 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray No Log Run, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log
Layne-Central Co.

SCREEN DATA

Diameter - Inches 6"	Length - Feet 40'	Slot Size - Inches .025"
Screen Type Stainless Steel	Depth to Bottom - Feet 985'	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

RECEIVED
JUN 10 1994

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0'	10'	Sand	625'	740'
Sand & Clay Streaks	10'	45'	Sand, Shale & Lignite	740'	810'
Blue clay	45'	95'	Sandy shale & Lignite	810'	914'
Sand & Clay Streaks	95'	220'	Sand & Clay Streaks	914'	934'
Clay & Shale	220'	341'	Sand	934'	944'
Sandy Clay & Lime	341'	389'	Clay	944'	954'
Hard Shale	389'	420'	Sand	954'	990'
Sandy Clay & Shale Streaks	420'	514'	Clay & Lignite	990'	1027'
Clay & Shale	514'	554'			
Hard Shale	554'	600'			
Sandy Shale	600'	625'			

IF MORE SPACE IS NEEDED, USE BACK