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MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

RECEIVED

COUNTY WELL LOCATED
Neshoba

WELL NUMBER
4

DATE WELL COMPLETED
February 97

PERMIT NUMBER
MSGW-15074

NAME OF DRILLING FIRM
Layne-Central

Jackson, MS

P.O. Box 10631
Jackson, MS 39289-0631
FEB 13 1997
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
Philadelphia Utilities

P.O. Box 88

Philadelphia, MS 39350
corner of Myrtle and Range

WELL LOCATION: SEC **30** TOWNSHIP **T11N** RANGE **R12E**
SW $\frac{1}{4}$ S

DISTANCE **corner of Ranger and Myrtle** DIRECTION **of** NEAREST TOWN

OTHER LANDMARK
1000' EAST of Water Plant

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

PUMP DATA
Dept. of Environmental Quality
Office of Land and Water Resources

Submersible, Turbine Jet Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) **H/P 75 HP**

Pump Capacity (GPM)	No. of Stages	Setting Depth
845 gpm	7	210 FT.

PUMP TEST

Well yielded **837** GPM with
a drawdown of **14'** ft.
after **8 hours** hours of pumping

WELL DATA

Well Depth 885'	Casing Diameter (In.) 16"	Casing Length (Ft.) 770'
Type of Casing steel	Hole Depth 890'	Depth to Static Water Level 157'

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

WELL GROUTED TO A DEPTH OF **770 FEET**
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log
Layne-Central, Jackson

SCREEN DATA

Diameter - Inches 10"	Length - Feet 80', split	Slot Size - Inches .030"
Screen Type stainless, rod base	Depth to Bottom - Feet 885'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
SPLIT SCREEN

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)	FROM		TO	
red sand	0	10	shale & sand streaks	457	583				
white sand	10	110	hard shale	583	619				
clay	110	129	shale & sand streaks	619	694				
sand & shale streaks	129	196	fine sand & shale stks	694	755				
shale & sand streaks	196	240	sand	755	895				
hard shale	240	300	clay & shale streaks	895	903				
shale & sand streaks	300	335	end of log						
clay & hard shale stks	335	367							
soft clay	367	457							
go to top of next column									

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION 30

Please indicate well location X.

ADDITIONAL INFORMATION

SPLIT SCREEN

SCREEN SET

780 - 800

810 - 830

845 - 885

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