

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
Hinds

WELL NUMBER
1B

CODED

551

DATE WELL COMPLETED
November 1, 1994

permit # MSGW 14926

PERMIT NUMBER
MSGW 01805

NAME OF DRILLING FIRM
Layne-Central Co.

A Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
Town of Utica
P.O. Drawer K
Utica MS 39175

WELL LOCATION SEC. TOWNSHIP RANGE
56' East of abandoned 15 3 N 4 E
well w/ Permit #01805 S W

DISTANCE DIRECTION NEAREST TOWN
Miles of

OTHER LANDMARK

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

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 20HP

Pump Capacity (GPM) No. of Stages Setting Depth
385 (max) 10 130 FT.

PUMP TEST

Well yielded 261 GPM with
a drawdown of 13 (at 70psi) ft.
after 1 hour hours of pumping

WELL DATA

Well Depth Casing Diameter (In.) Casing Length (Ft.)
300' 16 255

Type of Casing Hole Depth Depth to Static Water Level
Steel 305' 60.4

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

WELL GROUTED TO A DEPTH OF 255 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

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.

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
<u>8</u>	<u>40</u>	<u>.030</u>

Screen Type Depth to Bottom - Feet
SS./Johnson Rod B 300'

Driller's Remarks
Coated Casing & Lap,

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Brown Clay</u>	<u>0'</u>	<u>10'</u>			
<u>Blue Clay</u>	<u>10'</u>	<u>180'</u>			
<u>Sandy Clay</u>	<u>180'</u>	<u>205'</u>			
<u>Coarse Sand & Clay Strks</u>	<u>205'</u>	<u>245'</u>			
<u>Coarse Sand</u>	<u>245'</u>	<u>300'</u>			
<u>Sandy Clay</u>	<u>300'</u>	<u>305'</u>			

RECEIVED

APR 19 1995

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK