

6152

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
Clarke

WELL NUMBER
G-150 CODED

DATE WELL COMPLETED
12/2/96

PERMIT NUMBER
MS-GW-15224

NAME OF DRILLING FIRM
Layne-Central

Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER
City of Stonewall

Stonewall, MS

WELL LOCATION SEC TOWNSHIP RANGE
NE 1/4 SE 1/4 5 3 N 15 E

DISTANCE DIRECTION NEAREST TOWN
Miles of

OTHER LANDMARK
Industrial Place Drive

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

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 **75**

Pump Capacity (GPM) No. of Stages Setting Depth
1200 3 110 FT.

PUMP TEST
Well yielded **1200** GPM with
a drawdown of **25** ft.
after **12** hours of pumping

WELL DATA

Well Depth Casing Diameter (In.) Casing Length (Ft.)
1567 16 1450

Type of Casing Hole Depth Depth to Static Water Level
Steel 1567 50

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

WELL GROUTED TO A DEPTH OF **1450** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches Length - Feet Slot Size - Inches
10 100 .030

Screen Type Depth to Bottom - Feet
Stainless Steel 1567

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

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

Driller's Remarks

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	5	Clay	646	900
Red Sand & Sand Stone	5	60	Sandy Clay & Shale Strk	900	1204
White Sand	60	95	Sand & Shale Streaks	1204	1230
Hard Shale & Sand Strks	95	185	Clay & Sand Streaks	1230	1285
Clay & Hard Shale	185	318	Sand	1285	1369
Sand & Shale Streaks	318	343	Sandy Clay	1369	1455
Clay	343	426	Sand	1455	1602
Clay & Sand Streaks	426	530	Shale	1602	1614
Clay & Sand Streaks	530	644			

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED
OCT 14 1998

Dept of Environmental Quality
Office of Land & Water Resources