MSGW 156414

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

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

WATER WELL DRILLERS LOG

REC'D AUG 12 2001

COUNTY WELL LOCATED: Benton	PERMIT NUMBER: ~~MS-GW-156635~~
WELL NUMBER: Gwen H-67 / CODED	NAME OF DRILLING FIRM: Layne Central Co
DATE WELL COMPLETED: 7-19-01	Memphis

NAME & MAILING ADDRESS OF LANDOWNER
Magnolia Energy / InterGen NA
909 Fannin,Suite 2222
Houston, TX 77010

WELL LOCATION: SEC 19 TOWNSHIP 3 N (S) RANGE 1 (E) W

DISTANCE ____ Miles DIRECTION ____ of NEAREST TOWN ____

OTHER LANDMARK

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

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 ____

Pump Capacity (GPM)	No. of Stages	Setting Depth
500		FT.

PUMP TEST
Well yielded N/A GPM with a drawdown of ____ ft. after ____ hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
88	12	57

Type of Casing	Hole Depth	Depth to Static Water Level
Steel		21

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

WELL GROUTED TO A DEPTH OF ____ 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

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
12" one-piece well

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
12"	31'	.040"

Screen Type	Depth to Bottom - Feet
continuous slot	88

Top of Lap Pipe or Reduction in Casing
N/A FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
See Attached					
			IF MORE SPACE IS NEEDED, USE BACK		