MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED: Itawamba	
WELL NUMBER: 3 — CODED ✓	PERMIT NUMBER:
G-85	NAME OF DRILLING FIRM: Herndon Well & Supply
DATE WELL COMPLETED: 06 April 1992	Shannon, MS 38868

NAME & MAILING ADDRESS OF LANDOWNER:
Town of Mantachie
Water Department
Mantachie, MS

WELL LOCATION: SEC 17 TOWNSHIP 9 N/S RANGE 8 E/W

DISTANCE: Inside city limits Miles DIRECTION of NEAREST TOWN

OTHER LANDMARK: (New plant)

WELL PURPOSE: Municipal

PUMP DATA

15HP

PUMP TYPE (Circle One): Submersible, (Turbine), Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One): (Electric), Tractor, Diesel, Gasoline, Butane, Other (Describe)

Pump Capacity (GPM)	No. of Stages	Setting Depth
224	7	160 FT.

PUMP TEST

Well yielded 224 GPM with a drawdown of 12' ft. after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
383'	10"	332'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	400'	100'

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

Top of Lap Pipe or Reduction in Casing: 276' FEET — IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
6"	51.40	.020

Screen Type	Depth to Bottom - Feet
SS Ribbed (Thrd)	383'

LOG DATA

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

Name of Organization Running Log: Herndon Well & Supply, Inc.

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

383'
1/5/3V

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red Clay	0	8
Yellow Sand, Gray Chaulk	8	67
Blue Clay, Sand Strks	67	100
Lignite	100	202
Blue Clay	202	245
Blue Clay, Shale Rock	245	320
Gravel	320	390
Blue Clay, Gravel Strks	390	400

FORMATIONS	FROM	TO

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED
APR 06 1992
Dept. of Environmental Quality
Bureau of Land & Water Resources