

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**RECEIVED**

COUNTY WELL LOCATED  
**Leake**

WELL NUMBER # **5** CODED

**M 79**

DATE WELL COMPLETED  
**25 January 1996**

PERMIT NUMBER **GW-14971**

NAME OF DRILLING FIRM  
**Herndon Well & Supply**

**Pearl, MS**

Box 10631  
Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER  
**Freeny Water Association, Inc.**

**Route 1 Box 247-A**

**Carthage, MS 39051**

WELL LOCATION SEC TOWNSHIP RANGE  
**Madden site 27 10 N 9 W**

DISTANCE DIRECTION NEAREST TOWN  
Miles of

OTHER LANDMARK  
**Madden Road**

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

**PUMP DATA**

PUMP TYPE (Circle One): Submersible of Environmental Quality Office of Land & Water Resources

POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane.  
Other (Describe) **100 H/P 3 PH**

Pump Capacity (GPM)	No. of Stages	Setting Depth
754	5	270' FT.

PUMP TEST

Well yielded **754** GPM with a drawdown of **13'** ft. after **4** hours of pumping

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1560.85'	12-3/4	1500'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1560.85	212.05

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

**WELL GROUTED TO A DEPTH OF 1500' 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  
**Herndon Well & Supply, Inc.**

**SCREEN DATA**

Diameter - Inches	Length - Feet	Slot Size - Inches
8"	60.85	.030

Screen Type	Depth to Bottom - Feet
S.S.	1560.85

**Top of Lap Pipe or Reduction in Casing**  
**1415.73 FEET** IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Red Sandy Clay	0	20	Streaked Blue Sand & Clay, Few Shale Rocks	1095 1245
White Sand	20	25	Blue Clay	1245 1330
Red Sand	25	57	Streaked Blue Sand/Clay	1330 1433
White Sand & Chalk	57	110	Rock 2"	1433
White Sand	110	260	Blue Sand, Some Clay	
Streaked Blue Sand & Clay, Shale Rock	260	440	Streaks	1433 1470
Blue Clay	440	985	Sand	1470 1560
Rock 4"	985		Hard Clay, Blue	1560 1575
Blue Sand & Clay Streaks	985	1095	Sandy Blue Clay	1575 1588
Rock 4"	1095			

IF MORE SPACE IS NEEDED, USE BACK