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	DeSoto
WELL NUMBER	Greenbrook #3
CODED	✓
	C 20
DATE WELL COMPLETED	12/19/91
PERMIT NUMBER	✓
NAME OF DRILLING FIRM	Herndon Well & Supply
	Shannon, MS

NAME & MAILING ADDRESS OF LANDOWNER

City of Southaven

P. O. Box 425

Southaven, MS

WELL LOCATION: SEC	TOWNSHIP	RANGE
30	1 S	7 W

DISTANCE	DIRECTION	NEAREST TOWN
Inside City Limits (Miles)	of	

OTHER LANDMARK: Greenbrook Parkway

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

PUMP DATA

100 HP

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
1130	5	282 FT.

PUMP TEST

Well yielded 1130 GPM with a drawdown of 49 ft. after 8 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
446	16	395

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	590'	165'

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: 345 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

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

THC 3/6/5

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
10	51	.030

Screen Type	Depth to Bottom - Feet
SS Ribbed	446

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	20	Sand, Few Clay Breaks	390	590
Coarse Brown & Yellow					
Sand	20	80			
Gravel	80	95			
Blue Clay & Sand Strks	95	180			
Rock 2"		180			
Blue Clay & Sand Strks	180	240			
Sand, Few Clay Breaks	240	275			
Blue Clay & Sand Strks	275	330			
Rock 3"		330			
Blue Clay & Sand Strks	330	390	IF MORE SPACE IS NEEDED, USE BACK		

RECEIVED
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Dept. of Environmental Quality
Bureau of Land & Water Resources