

G-86

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
Desoto

WELL NUMBER CODED
College Rd#1

DATE WELL COMPLETED
09/01/2002

PERMIT NUMBER
MSGW-5731

NAME OF DRILLING FIRM
Layne Central Co.

P.O. Box 80096 TN

NAME & MAILING ADDRESS OF LANDOWNER
City of Southaven

8710 Northwest Dr

Southaven, MS. 38671

WELL LOCATION SEC TOWNSHIP RANGE
34° 55' 10" N 89° 59' 17" W 7 2 S 7 E

DISTANCE DIRECTION NEAREST TOWN
1 1/2 Miles South of Church & I55

OTHER LANDMARK

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

PUMP DATA

PUMP TYPE (Circle One):
Submersible, **Turbine**, Jet, Flowing Well,
Other (Describe) **14RJC Bronze**

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) **H/P 125**

Pump Capacity (GPM)	No. of Stages	Setting Depth
1500	4	185' FT.

PUMP TEST

Well yielded **1500** GPM with
a drawdown of **32.2** ft.
after **25** hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
354'	20"	245'
Type of Casing	Hole Depth	Depth to Static Water Level
.375 Car	354	126'

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

WELL GROUTED TO A DEPTH OF **245 FEET**
Type Grout (circle one): **Cement**, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log
Herndon Well

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
12"	100'	30 Slot
Screen Type	Depth to Bottom - Feet	
Houston Stl Wire Wr	354'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Test Hole Made					
Herndon Well 601-767-9770					
Clay	0	16			
Red Sand & Gravel	16	22			
Red Sand & Clay	22	60			
Soft Clay, Pink & White	60	135			
Gray Clay & Sand	135	252			
White Coarse Sand	252	372			
Soft Gray Clay	372	492			

RECEIVED
JAN 14 2003
BY: OLWR

IF MORE SPACE IS NEEDED, USE BACK