

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
Warren

WELL NUMBER
North

5-58

DATE WELL COMPLETED
5/1/1993

PERMIT NUMBER
6W-15999

NAME OF DRILLING FIRM
Layne-Central

Jackson, MS

Office of Land and Water Resources

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

WATER WELL DRILLERS LOG

NAME & ADDRESS OF LANDOWNER
Isle of Capri Casino
River Boat Corporation of MS
Vicksburg, MS 39180

LATITUDE

LONGITUDE

WELL LOCATION SEC TOWNSHIP RANGE
 -- **29³⁴** **6N** **16W** **3E**

DISTANCE DIRECTION NEAREST TOWN
 -- Miles -- of **Vicksburg**

OTHER LANDMARK
North of I-20; West of Washington St.

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)
Other

PUMP DATA

PUMP TYPE:
 Submersible Turbine Jet Flowing Well

Other (Describe)

POWER TYPE:
 Electric Tractor Diesel
 Gasoline Butane

Other (Describe) H/P **30**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top Soil	0	3
Clay	3	39
Limestone	39	64
Clay	64	180
Fine Sand Streaks	180	200
Sand Streaks	200	271
Clay	271	273

RECEIVED
 APR 18 2003
 BY: DJWA

WELL DATA

Well Depth 271'	Casing Diameter (In.) 8"	Casing Length (Ft.) 211'
Type of Casing Steel	Hole Depth 271'	Depth to Static 61'

TYPE OF COMPLETION:
 Gravel Packed Natural Development
 Underreamed Open Hole
 Telescoped Other (Describe)

WELL GROUTED TO A DEPTH OF **50'** FEET
 Type Grout:
 Cement Bentonite Mix

SCREEN DATA

Diameter (In.) 8"	Length (Ft.) 60'	Slot Size (In.) 0.010"
Screen Type Stainless	Depth to Bottom (Ft.) 271'	

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
 Reduction in Casing -- FEET ONE SCREEN, USE PAGE.

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LAYNE-CENTRAL

By: 

Signature of Licensed Driller and License No.

4-14-03

Date

If well telescopes, please sketch and show depths.

GROUND LEVEL

SECTION 31

Please indicate well location X.

Pump Capacity (GPM) 410	No. of Stages 5	Setting Depth (Ft.) 192	
PUMP TEST			
Well yielded <u>410</u> GPM with a drawdown of <u>30.6</u> feet after <u>1½</u> hours of pumping.			
LOG DATA			
TYPE OF LOG	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>	
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe)			
Name of Organization Running Log			
Layne-Central, Jackson, MS			
GEOLOGIC DATA (Office Use Only)			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

If more than one screen, show location of each on sketch.