

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 Harrison	
WELL NUMBER L728	CODED <input checked="" type="checkbox"/>
5-5-99	
DATE WELL COMPLETED 5/99	

PERMIT NUMBER MS-GW-15324
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER Grand Casinos, Inc.		
11975 Seaway Road		
Gulfport, MS 39509		
WELL LOCATION	SEC	TOWNSHIP RANGE
	8	8 N 11 W
DISTANCE	DIRECTION	NEAREST TOWN
		Gulfport
OTHER LANDMARK 11th St & 36th Ave		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P 60		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1000	3	60 FT.
PUMP TEST		
Well yielded 1026 GPM with a drawdown of 65 ft. after 5 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In)	Casing Length (Ft.)
1840'	16"	1776'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1840'	Flows
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1776 FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log Layne Central	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
10"	60'	30"
Screen Type	Depth to Bottom - Feet	
Stainless Steel	1840'	

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 1697 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)		FROM	TO
Surface sand		0		3	Clay & Sand Streaks		510	655
Sand & Lignite Clay		3		70	Fine Sand		655	681
Sandy Clay		70		94	Clay		681	735
Clay		94		115	Sandy Clay		735	740
Clay & Soft Streaks		115		235	Fine Sand & Clay		740	858
Sand		235		275	Sand & Clay Streaks		858	900
Clay		275		280	Hard Clay		900	1030
Sandy Clay		280		435	Clay		1030	1125
Clay		435		465	Sandy Clay		1125	1135
Clay & Fine Sand		465		480	Clay		1135	1190
Sand		480		510	IF MORE SPACE IS NEEDED, USE BACK			

If well telescopes please sketch and show depths.

RECEIVED

DEC 14 1999

Dept of Environmental Quality Office of Land & Water Resources			

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Sand & Clay Streaks	1190	1233
Hard Clay	1233	1272
Clay & Hard Shale	1272	1627
Sandy Clay	1627	1642
Clay	1642	1760
Sandy Clay	1760	1785
Sand	1785	1865
Clay	1865	1879

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