

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
Hinds

WELL NUMBER **M-127** CODED

DATE WELL COMPLETED
10/18/2002

PERMIT NUMBER
MS-GW-15813

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
City of Jackson
PO Box 17
Jackson, MS 39205

LATITUDE **N 32.274060**
LONGITUDE **W 090.28550**

WELL LOCATION SEC TOWNSHIP RANGE
NW¼ SE¼ 15 5N 1W

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

OTHER LANDMARK
Hwy 18 at Maddox Rd at Tank

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

PUMP DATA

PUMP TYPE:
Submersible Turbine Jet Flowing Well

Other (Describe) _____

POWER TYPE:
Electric Tractor Diesel
Gasoline Butane

Other (Describe) _____ H/P **200**

WELL DATA

Well Depth 1290'	Casing Diameter (In.) 16"	Casing Length (Ft.) 1185'
Type of Casing Steel	Hole Depth 1290'	Depth to Static 462'

TYPE OF COMPLETION:

Underreamed <input checked="" type="checkbox"/>	Gravel Packed <input checked="" type="checkbox"/>
Telescoped <input type="checkbox"/>	Natural Development <input type="checkbox"/>
Other (Describe) _____	Open Hole <input type="checkbox"/>

WELL GROUTED TO A DEPTH OF **1185'** FEET

Type Grout:
Cement Bentonite Mix

SCREEN DATA

Diameter (In.) 10"	Length (Ft.) 100'	Slot Size (In.) 0.020"
Screen Type WW Stainless	Depth to Bottom (Ft.) 1290'	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top Soil & Red Clay	0	15
Chalk & Limestone	15	105
Yazoo or Blue Clay	105	519
Sand Streaks & Sea Shell	519	530
Sand; Streaks of Clay & Shale	530	620
Rat Sand & Shale	620	690
Fine Sand	690	745
Clay & Shale	745	941
Sand Streaks & Shale	941	1040
Sand	1040	1080
Clay & Shale	1080	1191
Sand w/Traces of Shale & Clay	1191	1303
Clay	1303	1330

RECEIVED
JAN 10 2003
BY: OLIVER

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
Reduction in Casing **1115** 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: *Dave Cook*
Signature of Licensed Driller and License No.

12-31-02
Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

SECTION 15

Please indicate well location X.

Pump Capacity (GPM) 1000	No. of Stages 9	Setting Depth (Ft.) 600	
PUMP TEST			
Well yielded <u>1039</u> GPM with a drawdown of <u>58</u> feet after <u>24</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, Pensacola, FL			
GEOLOGIC DATA (Office Use Only)			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
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If more than one screen, show location of each on sketch.