

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
JEFFERSON DAVIS

WELL NUMBER PW-1 CODED

E-79

DATE WELL COMPLETED
JULY 2001

PERMIT NUMBER
GW-15773

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
SOUTH MISSISSIPPI ELECTRIC POWER
PO BOX 15849
HATTIESBURG, MS 39402-5849

LATITUDE **N31° 35.42'**
 LONGITUDE **W 89° 56.02'**

WELL LOCATION SEC TOWNSHIP RANGE
NW¼ SE¼ 6 7N 19W

DISTANCE DIRECTION NEAREST TOWN
3 Miles E of SILVER CREEK

OTHER LANDMARK
EAST PRODUCTION WELL AT PLANT

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

WELL DATA

Well Depth 270'	Casing Diameter (In.) 12"	Casing Length (Ft.) 225'
Type of Casing PVC	Hole Depth 270'	Depth to Static 99'

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

WELL GROUTED TO A DEPTH OF **225** FEET

Type Grout: Cement Bentonite Mix

SCREEN DATA

Diameter (In.) 12"	Length (Ft.) 40'	Slot Size (In.) 0.020"
Screen Type STAINLESS	Depth to Bottom (Ft.) 265'	

PUMP DATA

PUMP TYPE: Submersible X Turbine Jet Flowing Well

Other (Describe) _____

POWER TYPE: Electric X Tractor Diesel
 Gasoline Butane

Other (Describe) _____ H/P **50**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
TOP SOIL	0	3
CLAY GRAVEL	3	12
GRAVEL & SAND	12	85
SAND W/CLAY STREAKS	85	104
GRAVEL & SAND	104	180
CLAY & SHALE	180	207
SAND	207	270

RECEIVED
FEB 18 2004
BY: OLIVER

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
 Reduction in Casing **N/A** 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 0-692* 2-17-04
 Signature of Licensed Driller and License No. Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

		X	

SECTION 6

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth (Ft.)
300		180
PUMP TEST		
Well yielded <u>300</u> GPM with a drawdown of <u>9.5</u> feet after <u>3</u> hours of pumping.		
LOG DATA		
TYPE OF LOG	No Log Run	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
Subs. SWL	Date	Analysis
		Aquifer Test
Driller's Remarks		

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