

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
JEFFERSON DAVIS

WELL NUMBER
PW-2

CODED

E-80

DATE WELL COMPLETED
JULY 2001

PERMIT NUMBER
GW-15774

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° 35.43'**

LONGITUDE **W 89° 56.02'**

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

DISTANCE	DIRECTION	NEAREST TOWN
3 Miles	EAST	of SILVER CREEK

OTHER LANDMARK
WEST PRODUCTION WELL AT PLANT

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

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
265'	12"	225'
Type of Casing	Hole Depth	Depth to Static
PVC	270'	92'

TYPE OF COMPLETION:

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

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

Type Grout:

Cement	<input checked="" type="checkbox"/>	Bentonite	<input type="checkbox"/>	Mix	<input type="checkbox"/>
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SCREEN DATA

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

PUMP DATA

PUMP TYPE:

Submersible	<input checked="" type="checkbox"/>	Turbine	<input type="checkbox"/>	Jet Flowing Well	<input type="checkbox"/>
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Other (Describe)

POWER TYPE:

Electric	<input checked="" type="checkbox"/>	Tractor	<input type="checkbox"/>	Diesel	<input type="checkbox"/>
Gasoline	<input type="checkbox"/>			Butane	<input type="checkbox"/>

Other (Describe)

	H/P	50
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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 10 2004
BY: OLWA

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) 250	No. of Stages	Setting Depth (FL) 180
PUMP TEST Well yielded <u>250</u> GPM with a drawdown of <u>8.5</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, 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.