

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED SMITH	
WELL NUMBER PW-1	CODED
L-34	
DATE WELL COMPLETED NOVEMBER 2001	

PERMIT NUMBER GW-15775
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° 58.6'		
LONGITUDE	W 89° 24.2'		
WELL LOCATION	SEC	TOWNSHIP	RANGE
NW¼ SE¼	30	2N	9E
DISTANCE	DIRECTION	NEAREST TOWN	
4 Miles	SW	of SYLVARENA	
OTHER LANDMARK ON RIGHT FACING MICROWAVE TOWER			
WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.) INDUSTRIAL			

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1095'	12"	950'
Type of Casing	Hole Depth	Depth to Static
STEEL	1095'	197'
TYPE OF COMPLETION:		Gravel Packed <input checked="" type="checkbox"/>
Underreamed <input checked="" type="checkbox"/>	Natural Development	
Telescoped <input type="checkbox"/>	Open Hole	
Other (Describe)		

WELL GROUTED TO A DEPTH OF	950'	FEET
Type Grout:	Cement <input checked="" type="checkbox"/>	Bentonite <input type="checkbox"/> Mix <input type="checkbox"/>

SCREEN DATA		
Diameter (In.)	Length (Ft.)	Slot Size (In.)
8"	130'	0.016"
Screen Type	Depth to Bottom (Ft.)	
304 SS ROD BASE	1095'	

PUMP DATA		
PUMP TYPE:		
Submersible <input checked="" type="checkbox"/>	Turbine <input type="checkbox"/>	Jet Flowing Well <input type="checkbox"/>
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 75
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
CLAY	0	45
SAND	45	70
SAND W/CLAY STREAKS	70	118
CLAY	118	172
SAND	172	198
SANDY CLAY	198	215
CLAY	215	535
CLAY W/SAND STREAKS	535	622
SAND	622	725
HARD CLAY	725	812
CLAY W/SAND STREAKS	812	905
SAND	905	1102
CLAY	1102	1115
SAND W/CLAY STREAKS	1115	1188
CLAY	1188	1208
RECEIVED		
FEB 18 2004		
BY: OLWR		
Top of Lap Pipe or	IF TELESCOPED OR MORE THAN	
Reduction in Casing 880 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 30

Please indicate well location X.

Pump Capacity (GPM) 550	No. of Stages 5	Setting Depth (Ft.) 315	
PUMP TEST Well yielded <u>550</u> GPM with a drawdown of <u>24</u> feet after <u>8</u> hours of pumping.			
LOG DATA			
TYPE OF LOG Gamma Ray <input checked="" type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/>	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/> Newtron <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.