

COUNTY WELL LOCATED  
**SMITH**


WELL NUMBER  
**OW-1**

CODED

DATE WELL COMPLETED  
**JUNE 2001**

**15706**

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

PERMIT NUMBER  


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 **N 804223**  
 LONGITUDE **E 903922.9**

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**

**PUMP DATA**

PUMP TYPE: **N/A**  
 Submersible  Turbine  Jet Flowing Well

Other (Describe)

POWER TYPE:  
 Electric  Tractor  Diesel   
 Gasoline  Butane

Other (Describe) **H/P**

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)  
**INDUSTRIAL: 265, well**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
CLAY	0	25
SAND	25	50
CLAY	50	110
LIMESTONE	110	120
CLAY	120	270
SHALE	270	525
SANDY CLAY	525	540
CLAY	540	575
SAND W/ SHELL	575	605
CLAY W/ SHELL	605	625
SANDY CLAY	625	655
SAND	655	760
CLAY	760	840
SAND	840	860
SAND W/ CLAY	860	935
SAND	935	1170

**WELL DATA**

Well Depth <b>1040'</b>	Casing Diameter (In.) <b>6"</b>	Casing Length (Ft.) <b>1020'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>1040'</b>	Depth to Static <b>199'</b>

TYPE OF COMPLETION:  
 Gravel Packed  **X**  
 Underreamed  **X**  
 Telescoped   
 Other (Describe)

Natural Development   
 Open Hole

WELL GROUTED TO A DEPTH OF **980** FEET

Type Grout:  
 Cement  **X** Bentonite  Mix

**SCREEN DATA**

Diameter (In.) <b>6"</b>	Length (Ft.) <b>20'</b>	Slot Size (In.) <b>20"</b>
Screen Type <b>PVC</b>	Depth to Bottom (Ft.) <b>1040'</b>	

**RECEIVED**  
**JUL 23 2004**  
**BY: OLWB**

Top of Lap Pipe or  TELESCOPED OR MORE THAN  
 Reduction in Casing -- 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 692*

7-21-04

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)	No. of Stages	Setting Depth (Ft.)
N/A	N/A	N/A
PUMP TEST		
Well yielded <u>N/A</u> GPM with a drawdown of <u>N/A</u> feet after <u>N/A</u> hours of pumping.		
LOG DATA		
TYPE OF LOG	No Log Run	Electric
Gamma Ray <input type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>
Other (Describe)		Newtron <input checked="" type="checkbox"/>
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.