

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED
SMITH

WELL NUMBER
PW-2

CODED

L-35

DATE WELL COMPLETED
JANUARY 2002

PERMIT NUMBER
Gw-15776

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° 24.3'**

WELL LOCATION	SEC	TOWNSHIP	RANGE
NW¼ SE¼	30	2N	9E

DISTANCE **5** Miles DIRECTION **SW** of NEAREST TOWN **SYLVARENA**

OTHER LANDMARK
NEXT TO OBSERVATION WELL

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

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1080'	12"	930'
Type of Casing	Hole Depth	Depth to Static
STEEL	1080'	198'

TYPE OF COMPLETION:

Gravel Packed X

Underreamed X

Telescoped

Other (Describe)

Natural Development

Open Hole

WELL GROUTED TO A DEPTH OF **930** FEET

Type Grout:

Cement X Bentonite Mix

SCREEN DATA

Diameter (In.)	Length (Ft.)	Slot Size (In.)
8"	140'	0.016"
Screen Type	Depth to Bottom (Ft.)	
304 SS ROD BASE	1080'	

PUMP DATA

PUMP TYPE:

Submersible X Turbine Jet Flowing Well

Other (Describe)

POWER TYPE:

Electric X Tractor Diesel

Gasoline Butane

Other (Describe) H/P **75**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SANDY CLAY	0	28
CLAY W/SAND	28	90
SAND	90	135
CLAY	135	188
SAND	188	225
CLAY	225	512
CLAY W/SAND STREAKS	512	642
SAND	642	730
CLAY	730	922
SAND	922	1180
CLAY	1180	1188

RECEIVED

FEB 10 2004

BY: OLWR

Top of Lap Pipe or IF TELESCOPED OR MORE THAN ONE SCREEN, USE PAGE.

Reduction in Casing **880** FEET

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
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PUMP TEST

Well yielded 550 GPM with
a drawdown of 24 feet
after 8 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)		Newtron <input type="checkbox"/>

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.