

COUNTY WELL LOCATED
CHOCTAW

WELL NUMBER 4 CODED

D-81

DATE WELL COMPLETED
02/21/2003

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

PERMIT NUMBER
MSGW-15746

NAME OF DRILLING FIRM
LAYNE-CENTRAL

JACKSON, MS

WATER WELL DRILLERS LOG

NAME & ADDRESS OF LANDOWNER
CHOCTAW GENERATION, LLP
1177 WEST LOOP SOUTH, SUITE 900
HOUSTON, TX 77027

LATITUDE **N 33° 22.662'**

LONGITUDE **W 89° 12.962'**

WELL LOCATION	SEC	TOWNSHIP	RANGE
--	35	18N	10E

DISTANCE -- Miles DIRECTION -- of NEAREST TOWN **ACKERMAN**

OTHER LANDMARK
AT W GATE OF RED HILLS POWER PLANT

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

PUMP DATA		
PUMP TYPE:		
Submersible <input type="checkbox"/>	Turbine <input checked="" 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 600
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
CLAY & LIGNITE	0	74
SANDY CLAY	74	290
SAND	290	380
CLAY & SAND	380	450
CLAY	450	1100
SANDY CLAY & SHALE	1100	1360
CLAY	1360	1840
CLAY & SHALE STREAKS	1840	2680
SANDY CLAY HARD STREAKS	2680	2840
SAND	2840	2920
CLAY & HARD STREAKS	2920	3040
SAND	3040	3270
CLAY	3270	3316

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
3258'	16" & 13"	859' & 2220'
Type of Casing	Hole Depth	Depth to Static
STEEL	3258'	411'

TYPE OF COMPLETION:

Gravel Packed X

Underreamed X

Natural Development

Telescoped

Open Hole

Other (Describe)

WELL GROUTED TO A DEPTH OF **3079'** FEET

Type Grout:

Cement X Bentonite Mix

SCREEN DATA

Diameter (In.)	Length (Ft.)	Slot Size (In.)
9 5/8"	180'	0.020

Screen Type **S S O N C S PIPE** Depth to Bottom (Ft.) **3258'**

RECEIVED

NOV 19 2003

BY: OLWR

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
Reduction in Casing **2864'** 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* Date: 11-17-03

Signature of Licensed Driller and License No. Date

Additional Information Required on Back