

COUNTY WELL LOCATED
MADISON

WELL NUMBER **10** CODED

W-94

DATE WELL COMPLETED
4/3/03

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

PERMIT NUMBER
NEW-15692

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
BEAR CREEK WATER ASSOCIATION

PO BOX 107
CANTON, MS 39046

LATITUDE **N 32.47023**
LONGITUDE **W 090.07681**

WELL LOCATION SEC **10** TOWNSHIP **7N** RANGE **2E 2E**

DISTANCE **--** MILES DIRECTION **--** of NEAREST TOWN **MADISON**

OTHER LANDMARK **AT ELEVATED TANK ON HOY ROAD AT POWER SUB STATION**

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)
RURAL WATER ASSOCIATION

PUMP DATA

PUMP TYPE:
Submersible Turbine Jet Flowing Well

Other (Describe)

POWER TYPE:
Electric Gasoline Tractor Diesel Butane

Other (Describe) **H/P 200**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
SAND & SILT	0	60
CLAY	60	305
SAND	305	360
CLAY WITH SAND STREAKS	360	510
SAND WITH CLAY STREAKS	510	705
CLAY	705	850
CLAY WITH SAND STREAKS	850	975
SAND	975	1025
CLAY WITH SAND STREAKS	1025	1120
SAND	1120	1220
CLAY	1220	1255
SAND	1255	1310
CLAY	1310	1345
SAND	1345	1410

WELL DATA

Well Depth 1214'	Casing Diameter (In.) 20"	Casing Length (Ft.) 1128'
Type of Casing STEEL	Hole Depth 1214'	Depth to Static 306'

TYPE OF COMPLETION:
Underreamed Gravel Packed
Telescoped Natural Development
Other (Describe) Open Hole

WELL GROUTED TO A DEPTH OF **1128'** FEET

Type Grout:
Cement Bentonite Mix

SCREEN DATA

Diameter (In.) 12"	Length (Ft.) 75'	Slot Size (In.) 0.010
Screen Type STAINLESS	Depth to Bottom (Ft.) 1214'	

RECEIVED

JAN 08 2004

BY: OLIVER

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
Reduction in Casing **1050'** 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: *Daniel Losh* 12-3-03
Signature of Licensed Driller and License No. Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

SECTION 10

Please indicate well location X.

Pump Capacity (GPM) 1000	No. of Stages 8	Setting Depth (Ft.) 400
PUMP TEST		
Well yielded <u>1062</u> GPM with a drawdown of <u>43.1</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
		Depth to Top
		Aquifer Test
Driller's Remarks		

If more than one screen,
show location of each on sketch.