

COUNTY WELL LOCATED

Newton

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL NUMBER

CODED

PERMIT NUMBER

MS-GW-15795

Office of Land and Water Resources

3
B-600

NAME OF DRILLING FIRM

Layne-Central

P. O. Box 10631

Jackson, MS 39289-0631

DATE WELL COMPLETED

April 2003

Jackson, MS

WATER WELL DRILLERS LOG

NAME & ADDRESS OF LANDOWNER

Town of Decatur

PO Box 307

Decatur, MS 39327

LATITUDE N 32.44376

LONGITUDE W 089.10874

WELL LOCATION SEC TOWNSHIP RANGE

NW¼ 19 7N 12E

DISTANCE DIRECTION NEAREST TOWN

Miles of Decatur

OTHER LANDMARK

10 Feet Due West of Elevated Tank

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

Municipal

WELL DATA

Well Depth Casing Diameter (In.) Casing Length (Ft.)

1563' 12" 1385'

Type of Casing Hole Depth Depth to Static

Steel 1490' 153'

TYPE OF COMPLETION:

Gravel Packed

Underreamed

Natural Development

Telescoped

Open Hole

Other (Describe)

WELL GROUTED TO A DEPTH OF

1385 FEET

Type Grout:

Cement

Bentonite

Mix

SCREEN DATA

Diameter (In.) Length (Ft.) Slot Size (In.)

8" 100' 0.030"

Screen Type

Depth to Bottom (Ft.)

Stainless WW RB

1490'

PUMP DATA

PUMP TYPE:

Submersible Turbine Jet Flowing Well

Other (Describe)

POWER TYPE:

Electric Tractor Diesel
Gasoline Butane

Other (Describe) H/P 50

DESCRIPTION OF FORMATIONS ENCOUNTERED FROM TO

Top Soil 0 3

Red Clay & Sand 3 30

Sand & Lignite 30 90

Clay 90 141

Rock 141 143

Clay 143 170

Sandy Clay, Rock 170 315

Sand 315 368

Clay 368 526

Shale, Hard & Sandy Streaks 526 917

Hard Shale 917 1019

Rock 1019 1020

Shale 1020 1098

Sand 1098 1115

Clay & Hard Streaks 1115 1150

Sandy Clay 1150 1255

Hard Clay & Shale Streaks 1255 1270

Sandy Clay 1270 1315

Hard Clay & Shale Streaks 1315 1320

(Continued on Back)

Top of Lap Pipe or IF TELESCOPED OR MORE THAN

Reduction in Casing 1307 FEET ONE SCREEN, USE BACK 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

JUL 24 2003

By:

Dane Cook

BY: OLWR 2.03

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 19

Please indicate well location X.

(Continued from Front)	FROM	TO
Clay & Sand Streaks	1320	1350
Hard Clay	1350	1365
Sand	1350	1535
Clay	1535	1564

Pump Capacity (GPM)	No. of Stages	Setting Depth (Ft.)
506	6	240

PUMP TEST
 Well yielded 506 GPM with a drawdown of 7 feet after 4 hours of pumping.

LOG DATA

TYPE OF LOG	No Log Run	Electric	X
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input 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.