

COUNTY WELL LOCATED
Jackson

WELL NUMBER CODED
P-458

DATE WELL COMPLETED
02/2002

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

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

WATER WELL DRILLERS LOG

PERMIT NUMBER
MS-GW- 15791

NAME OF DRILLING FIRM
Layne-Central

Jackson, MS

NAME & ADDRESS OF LANDOWNER
City of Pascagoula
PO Box 908
Pascagoula, MS 39568-0908

LATITUDE --
LONGITUDE --

| | | | |
|---------------|-----|----------|-------|
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| -- | 6 | 8S | 6W |

| | | |
|----------|-----------|-------------------|
| DISTANCE | DIRECTION | NEAREST TOWN |
| -- Miles | -- of | Pascagoula |

OTHER LANDMARK
14th St. at Public Works Office

PUMP DATA

PUMP TYPE:
Submersible Turbine Jet Flowing Well

Other (Describe) _____

POWER TYPE:
Electric Gasoline Tractor Diesel Butane

Other (Describe) _____ H/P **100**

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| Fill Material, Clay | 0 | 20 |
| Clay | 21 | 28 |
| Coarse Sand, Shell | 29 | 84 |
| Sand, Clay, Streaks | 85 | 90 |
| Sand | 91 | 210 |
| Sand, Clay, Streaks | 211 | 220 |
| Coarse Sand | 221 | 330 |

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

WELL DATA

| | | |
|----------------|-----------------------|--------------------|
| Well Depth | Casing Diameter (In.) | Casing Length (FL) |
| 325' | 24" | 220' |
| Type of Casing | Hole Depth | Depth to Static |
| Steel | 325' | 95' |

TYPE OF COMPLETION:
Gravel Packed Natural Development Open Hole

Underreamed Telescoped Other (Describe) _____

WELL GROUTED TO A DEPTH OF **225'** FEET

Type Grout:
Cement Bentonite Mix

SCREEN DATA

| | | |
|----------------------|----------------------|-----------------|
| Diameter (In.) | Length (FL) | Slot Size (In.) |
| 16" | 100' | 0.012" |
| Screen Type | Depth to Bottom (FL) | |
| 304 Stainless | 325' | |

RECEIVED
DEC 28 2002
BY: OLWR

Top of Lap Pipe or IF TELESCOPED OR MORE THAN ONE SCREEN, USE PAGE.
Reduction in Casing **150** 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 *[Signature]*
Signature of Licensed Driller and License No.

12/20/02
Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|--|--|
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| | | | |
| | | | |
| | | | |

SECTION 6

Please indicate well location X.

| | | | |
|--|-------------------------------------|--|--------------|
| Pump Capacity (GPM) 1000 | No. of Stages 5 | Setting Depth (Fl.) 180 | |
| PUMP TEST | | | |
| Well yielded <u>505</u> GPM with a drawdown of <u>24</u> feet after <u>8</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, Pensacola, FL | | | |
| 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.