

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

| | |
|---|-------|
| COUNTY WELL LOCATED Jefferson | |
| WELL NUMBER BC21 | CODED |
| DATE WELL COMPLETED 8-16-99 | |

| |
|--|
| PERMIT NUMBER 0-66 |
| NAME OF DRILLING FIRM Rayborn Drilling, Inc. |

| | | |
|---|-----------|---------------|
| NAME & MAILING ADDRESS OF LANDOWNER Lucian Bullen | | |
| Rt. 1 Box 114A | | |
| Fayette, MS 39069 | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE |
| 27 | 10 | 1 |
| | N S | E W |
| DISTANCE | DIRECTION | NEAREST TOWN |
| 6 Miles | W | Lorman |
| OTHER LANDMARK | | |
| WELL PURPOSE <input checked="" type="radio"/> Home Irrigation, <input type="radio"/> Municipal, <input type="radio"/> Industrial, <input type="radio"/> Fish Pond, etc. | | |

| | | |
|--|---------------|---------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____ H/P 1 | | |
| Pump Capacity (GPM) 7 | No. of Stages | Setting Depth 375 FT. |
| PUMP TEST | | |
| Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping | | |

| | | |
|---|-----------------------------------|---|
| WELL DATA | | |
| Well Depth 727 | Casing Diameter (In.) 4 | Casing Length (Ft.) 687 |
| Type of Casing PVC | Hole Depth 727 | Depth to Static Water Level 260 |
| TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input type="radio"/> Telescoped, <input checked="" type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe) _____ | | |
| WELL GROUTED TO A DEPTH OF 10 FEET Type Grout (circle one): Cement, Bentonite, or Mix | | |

| | |
|--|--|
| LOG DATA | |
| TYPE OF LOG RUN (Circle One): <input type="radio"/> No Log Run, <input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____ | |
| Name of Organization Running Log | |

| | | |
|--------------------------------|--------------------------------------|-----------------------------------|
| SCREEN DATA | | |
| Diameter - Inches 4" | Length - Feet 40 | Slot Size - Inches .010 |
| Screen Type PVC | Depth to Bottom - Feet 727 | |

| | | | |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks | | | |
| Top of Lap Pipe or Reduction in Casing | | | |
| FEET | | | |
| IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|--|------|----|
| Topsoil | 0 | 3 | <div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">AUG 19 1999</div> <div style="font-size: 0.8em; font-weight: bold; margin-top: 10px;">Dept. of Environmental Quality Office of Land & Water Resources</div> | | |
| Shale | 3 | 360 | | | |
| Ratty Sand | 360 | 390 | | | |
| Shale | 390 | 535 | | | |
| Breaking Sand | 535 | 590 | | | |
| Ratty Sand | 590 | 600 | | | |
| Shale | 600 | 640 | | | |
| Ratty Sand | 640 | 680 | | | |
| Sand | 680 | 727 | | | |
| | | | | | |

IF MORE SPACE IS NEEDED, USE BACK