

DEQ

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 | |
| JONES | |
| WELL NUMBER | CODED |
| 5 | 2009 |
| DATE WELL COMPLETED | |
| 7-23-96 | |

| |
|-----------------------|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM |
| A-1 DRILLING SERV |
| LAUREL, MS |

| | | | |
|---|-----------|--------------|-------|
| NAME & MAILING ADDRESS OF LANDOWNER | | | |
| CHARLES SUMRALL | | | |
| 105 REAGAN RANCH RD | | | |
| LAUREL, MS 39440 | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| SW SWNE | 36 | 10 N | 12 W |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| ±4 Miles | N | SHADY GROVE | |
| OTHER LANDMARK | | | |
| WELL PURPOSE Home Irrigation Municipal, Industrial, 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) 2 H/P 230V 1Ø | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| 35 @ 160' | 9 | 100 FT. |
| PUMP TEST | | |
| Well yielded _____ GPM with | | |
| a drawdown of _____ ft. | | |
| after _____ hours of pumping | | |

| | | |
|---|-----------------------------------|----------------------------------|
| WELL DATA | | |
| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
| 181' | 4 | 176' |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| PVC | 210 | 52' |
| 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 14 FEET | | |
| Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or <input type="radio"/> Mix | | |

| | | | |
|---|---------------------|----------------|----------------|
| LOG DATA | | | |
| TYPE OF LOG RUN (Circle One): | | | |
| <input checked="" 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 | | | |
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Topographic Contour | Unit Thickness | Depth to Top |
| 288 | | | |
| Subs. Spt. | Date | Analysis | Qualifier Test |
| | DEC 16 1996 | | |
| Driller's Remarks | | | |
| DEC 16 1996 | | | |

| | | |
|-------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| 4 | 10 | .007 |
| Screen Type | Depth to Bottom - Feet | |
| Slotted PVC | 186 | |

| | |
|--|--|
| Dept. of Environmental Quality | |
| Office of Land & Water Resources | |
| 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 |
|---------------------------------------|------|-----|----------------------------|----------------|----------------|
| Clay, tan | 0 | 6 | Clay, dark gray | 186 | 188 |
| Clay, white - lt gray | 6 | 12 | Clay, dark gray | 188 | 202 |
| Clay, tan - white | 12 | 16 | Clay | 188 | 202 |
| Clay, gray | 16 | 36 | Rock | 202 | 203 |
| Sand | 36 | 37 | Clay | 203 | 210 |
| Clay, gray - green | 37 | 76 | | | |
| Sand, fine | 76 | 85 | | | |
| Clay, gray - green | 85 | 139 | | | |
| Clay w/ limy strks, sand streaks | 139 | 168 | | | |
| Sand | 168 | 186 | | | |

IF MORE SPACE IS NEEDED, USE BACK