

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 Benton | | PERMIT NUMBER |
| WELL NUMBER 15 | CODED 2036 | NAME OF DRILLING FIRM Melch Well Co. |
| DATE WELL COMPLETED 1-20-99 | | |

| | | | |
|---|------------|---------------------|--------------|
| NAME & MAILING ADDRESS OF LANDOWNER Larry Whitcomb Whitcomb Rd Hickory Knot MS | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | 32 | 5 | N 1 E |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| 3 Miles | S.W | Hickory Knot | |
| OTHER LANDMARK Burlington North Rail Rd. | | | |
| WELL PURPOSE <input checked="" type="checkbox"/> Home, <input type="checkbox"/> Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc. | | | |

| | | |
|---|---------------|----------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ H/P 1 | | |
| Pump Capacity (GPM) 10 | No. of Stages | Setting Depth 160' FT. |
| PUMP TEST | | |
| Well yielded 10 GPM with | | |
| a drawdown of 5 ft. | | |
| after 8 hours of pumping | | |

| | | |
|---|-----------------------------------|--|
| WELL DATA | | |
| Well Depth 650 | Casing Diameter (In.) 4 | Casing Length (Ft.) 390 |
| Type of Casing PVC | Hole Depth 390 | Depth to Static Water Level 120' |
| TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, <input checked="" type="checkbox"/> Telescoped, Natural Development, Open Hole, Other (Describe) _____ | | |
| WELL GROUTED TO A DEPTH OF 15 FEET Type Grout (circle one): Cement, Bentonite, or Mix | | |

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

| | | |
|-------------------------------|---|---------------------------------|
| SCREEN DATA | | |
| Diameter - Inches 2 | Length - Feet 60 | Slot Size - Inches 13 |
| Screen Type PVC | Depth to Bottom - Feet \$90 - 650 | |

| | | | |
|--|---------------|--|--------------|
| 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 |
|---------------------------------------|------|-----|------------------------|------|-----|
| Top Soil, Rock | 0 | 220 | Rock, sand | 540 | 650 |
| Clay, little sand | | | aquifer | | |
| Mixture) | | | | | |
| Blue clay | 220 | 440 | | | |
| Shell rock, | 440 | 540 | | | |

RECEIVED
MAY 28 1999