

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: 21 CODED:
DATE WELL COMPLETED: 8-20-98

PERMIT NUMBER: 0-60
NAME OF DRILLING FIRM: Rayborn Drilling

NAME & MAILING ADDRESS OF LANDOWNER:
Mt. Israel Baptist Church
Rt. 1 Box 239
Fayette, MS 39069

WELL LOCATION: SEC 4 TOWNSHIP 9 RANGE 1
DISTANCE 10 Miles DIRECTION NW of NEAREST TOWN Fayette

OTHER LANDMARK: Church in Sec. 4

WELL PURPOSE: Home Irrigation, Municipal, Industrial, Fish Pond, etc.

PUMP DATA

PUMP TYPE (Circle One): Submersible Turbine, Jet, Flowing Well, Other (Describe) _____

POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____

Pump Capacity (GPM) 10 No. of Stages 12 Setting Depth 43 FT.

PUMP TEST
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping

WELL DATA

| | | |
|------------------------------|-----------------------------------|--|
| Well Depth <u>43</u> | Casing Diameter (In.) <u>4</u> | Casing Length (Ft.) <u>40</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>43</u> | Depth to Static Water Level <u>39</u> |

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log _____

WELL GROUTED TO A DEPTH OF 10 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)

| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
|---------------|---------------|----------------|--------------|
| Subs. SWL | Date | Analysis | Aquifer Test |

Driller's Remarks: 08-24-98 AQ 9:51 RCVD

Top of Lap Pipe or Reduction in Casing _____ FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

| | | |
|-------------------------------|-------------------------------------|-----------------------------------|
| Diameter - Inches <u>4</u> | Length - Feet <u>3</u> | Slot Size - Inches <u>.020</u> |
| Screen Type <u>PVC</u> | Depth to Bottom - Feet <u>43</u> | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|-----------|-----------|------------------------|------|----|
| <u>Topsoil</u> | <u>0</u> | <u>2</u> | | | |
| <u>Chalk</u> | <u>2</u> | <u>41</u> | | | |
| <u>Sand</u> | <u>41</u> | <u>43</u> | | | |
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IF MORE SPACE IS NEEDED, USE BACK