

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

| | |
|--|---|
| COUNTY WELL LOCATED <u>Lauderdale</u> | |
| WELL NUMBER <u>B 4</u> | CODED <input checked="" type="checkbox"/> |
| PERMIT NUMBER | |
| NAME OF DRILLING FIRM <u>Mc Donald & Hill</u> | |
| DATE WELL COMPLETED <u>7/17/95</u> | |
| <u>Mdn. Miss.</u> | |

NAME & MAILING ADDRESS OF LANDOWNER
Jack Harrison
199 - Angelia Dr.
Long Beach, MS

WELL LOCATION: SEC 23 TOWNSHIP 8 RANGE (N) 15 (E) W

DISTANCE 3 1/2 Miles DIRECTION NW of NEAREST TOWN Bailey

OTHER LANDMARK
Club House

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 1/2

| | | |
|---------------------------------|----------------------------|---------------------------------|
| Pump Capacity (GPM) <u>5</u> | No. of Stages <u>13</u> | Setting Depth <u>180</u> FT. |
|---------------------------------|----------------------------|---------------------------------|

PUMP TEST

Well yielded 20 GPM with a drawdown of 25 ft. after 3 hours of pumping

WELL DATA

| | | |
|------------------------------|-----------------------------------|---|
| Well Depth <u>400'</u> | Casing Diameter (In.) <u>4</u> | Casing Length (Ft.) <u>260</u> |
| Type of Casing <u>PVC</u> | Hole Depth | Depth to Static Water Level <u>154</u> |

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

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

LOG DATA

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

Name of Organization Running Log

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

SCREEN DATA

| | | |
|-------------------|------------------------|--------------------|
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| Screen Type | Depth to Bottom - Feet | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|------|----|
| <u>Clay shale</u> | <u>0</u> | <u>12</u> | | | |
| <u>Shale</u> | <u>12</u> | <u>200</u> | | | |
| <u>St sandy shale</u> | <u>200</u> | <u>220</u> | | | |
| <u>Shale</u> | <u>220</u> | <u>325</u> | | | |
| <u>St fine sand</u> | <u>325</u> | <u>380</u> | | | |
| <u>St coarse sand</u> | <u>380</u> | <u>400</u> | | | |
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Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK