

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED
PEARL RIVER

WELL NUMBER
McNEIL #2

CODED

PERMIT NUMBER
GW-11981

NAME OF DRILLING FIRM
GRINER DRILLING SERVICE

DATE WELL COMPLETED
-91

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER
PEARL RIVER CENTRAL WATER ASSOCIATION

McNEIL No. 2

WELL LOCATION: SEC **25** TOWNSHIP **4** RANGE **17**

DISTANCE _____ MILES _____ OF _____ NEAREST TOWN _____

OTHER LANDMARK _____

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

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 **50**

| | | |
|---------------------|---------------|----------------|
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| 500 | 8 | 200 FT. |

PUMP TEST

Well yielded **548** GPM with
a drawdown of **11.08** ft.
after **24** hours of pumping

WELL DATA

| | | |
|--------------------------------|--|--|
| Well Depth 970 # | Casing Diameter (In.) 12 3/4 | Casing Length (Ft.) 897 |
| Type of Casing STEEL | Hole Depth 990 | Depth to Static Water Level 154.18 ft. |

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

Top of Lap Pipe or Reduction in Casing **825.23**

825.23 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log
GRINER DRILLING SERVICE

SCREEN DATA

| | | |
|----------------------------------|--------------------------------------|-----------------------------------|
| Diameter - Inches 8 | Length - Feet 60 | Slot Size - Inches .020 |
| Screen Type WIRE WOUND | Depth to Bottom - Feet 970 | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------------------|------------|------------|
| TOP SOIL | 0 | 2 | CLAY WITH THIN SAND STRAINS | 577 | 778 |
| SAND | 2 | 21 | SAND, FINE | 778 | 861 |
| SAND & CLAY STRAINS | 21 | 102 | CLAY | 861 | 703 |
| CLAY | 102 | 216 | SAND | 863 | 790 |
| SAND, FINE | 216 | 233 | | | |
| CLAY | 233 | 324 | | | |
| SAND | 324 | 362 | | | |
| CLAY WITH THIN SAND STRAINS | 362 | 458 | | | |
| SAND | 458 | 514 | | | |
| CLAY | 514 | 574 | | | |
| SAND | 574 | 597 | | | |

MAY 29 1991

Dept. of Environmental Quality
Bureau of Land and Water Resources

IF MORE SPACE IS NEEDED, USE BACK PAGE

If well telescopes please
sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show location of each on sketch.