

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
Lowndes

WELL NUMBER **1** CODED

F 92

DATE WELL COMPLETED
06/23/93

PERMIT NUMBER **74412**

NAME OF DRILLING FIRM
Herndon Well & Supply

Shannon, MS

NAME & MAILING ADDRESS OF LANDOWNER
LOWNDES CO. WATER ASSOCIATION

COLUMBUS, MS

WELL LOCATION: SEC **34** TOWNSHIP **19** RANGE **N 17 E**

DISTANCE **5** Miles **SE** of **Columbus**

OTHER LANDMARK

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

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) **421** No. of Stages **5** Setting Depth **182** FT.

PUMP TEST

Well yielded **421** GPM with a drawdown of **53.54** ft. after **24** hours of pumping

WELL DATA

| | | |
|--------------------------------|------------------------------------|---|
| Well Depth 613 | Casing Diameter (In.) 10 | Casing Length (Ft.) 550 |
| Type of Casing Steel | Hole Depth 615 | Depth to Static Water Level 85.21 |

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
489 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
Herndon Well & Supply, Inc.

SCREEN DATA

| | | |
|---------------------------------------|--------------------------------------|-----------------------------------|
| Diameter - Inches 6 | Length - Feet 61.2 | Slot Size - Inches .020 |
| Screen Type Stainless Steel | Depth to Bottom - Feet 613 | |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
DEC 09 1993

Dept. of Environmental Quality
Office of Land & Water Resources

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|-----|------------------------|------|-----|
| Brown Clay | 0 | 12 | Clay & Gravel | 545 | 555 |
| Blue Clay | 12 | 130 | Sand & Gravel | 555 | 610 |
| Sandy Clay & Shale | 130 | 240 | Gumbo | 610 | 620 |
| Sand & Clay Lignite | 240 | 327 | | | |
| Rock 6" | | 327 | | | |
| Sand & Clay Lignite | 327 | 335 | | | |
| Sand | 335 | 360 | | | |
| Gumbo & Shale | 360 | 425 | | | |
| Blue Clay & Shale | 425 | 500 | | | |
| Rock 1" | | 500 | | | |
| Blue Clay & Shale | 500 | 545 | | | |

IF MORE SPACE IS NEEDED, USE BACK