

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
Pearl River

WELL NUMBER **Q 67** CODE

DATE WELL COMPLETED
12-10-98

PERMIT NUMBER
D-477

NAME OF DRILLING FIRM
Penton Well

Nicholson MS.

NAME & MAILING ADDRESS OF LANDOWNER
U.S.D.A

P.O. Box 287

Poplarville MS. 39470

WELL LOCATION: SEC **31** TOWNSHIP **4** RANGE **16** W

DISTANCE **1/2** Miles DIRECTION **S** of NEAREST TOWN **McNeill**

OTHER LANDMARK
Experiment Station

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 **5**

Pump Capacity (GPM) **55** No. of Stages **13** Setting Depth **200'** FT.

PUMP TEST

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

WELL DATA

Well Depth **550'** Casing Diameter (In.) **4x2 1/2** Casing Length (Ft.) **530'**

Type of Casing **PVC** Hole Depth **550'** Depth to Static Water Level **140'**

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

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

LOG DATA

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

Name of Organization Running Log _____

SCREEN DATA

Diameter - Inches **2 1/2** Length - Feet **20** Slot Size - Inches **10**

Screen Type **PVC** Depth to Bottom - Feet **530'-550'**

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
Well #1 & #2

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

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------|-----|
| CLAY | 0 | 25 |
| SAND | 25 | 90 |
| CLAY | 90 | 245 |
| SAND | 245 | 275 |
| CLAY | 275 | 380 |
| SAND | 380 | 440 |
| CLAY | 440 | 460 |
| SAND | 460 | 550 |

FORMATIONS (Continued)

| FROM | TO |
|------|----|
| | |
| | |
| | |
| | |

JUN 16 1999

Dept. of Environmental Quality
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IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

Screen
20'-2 1/2" 270'-2 1/2" PVC
260'-4" PVC

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

| | | | |
|--|---|--|--|
| | | | |
| | | | |
| | | | |
| | X | | |

SECTION 31

Please indicate well location X.

ADDITIONAL INFORMATION

Two wells were drilled EXACTLY the same & 1-1000 gal tank installed.