

**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 U164 CODE

DATE WELL COMPLETED  
6-22-93

PERMIT NUMBER 0-477

NAME OF DRILLING FIRM  
PENTON WELL SERV.  
Nicholson, MS.

NAME & MAILING ADDRESS OF LANDOWNER  
Brent Fair

3077 Hwy 43 N.

Picayune, MS. 39466

WELL LOCATION: SEC 8 TOWNSHIP 5 RANGE 17  
S W

DISTANCE 4 Miles DIRECTION S of NEAREST TOWN mill Creek

OTHER LANDMARK  
On Rock Branch Rd.

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

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine,  Well Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
 Electric Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P 1

Pump Capacity (GPM) \_\_\_\_\_ No. of Stages \_\_\_\_\_ Setting Depth \_\_\_\_\_ FT.

PUMP TEST

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

**WELL DATA**

|                              |                                    |   |
|------------------------------|------------------------------------|---|
| Well Depth<br><u>620'</u>    | Casing Diameter (In.)<br><u>2"</u> | Casing Length (Fl.)<br><u>610'</u>        |
| Type of Casing<br><u>PVC</u> | Hole Depth<br><u>620</u>           | Depth to Static Water Level<br><u>28'</u> |

**LOG DATA**

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

Name of Organization Running Log \_\_\_\_\_

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

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

**GEOLOGIC DATA (Office Use Only)**

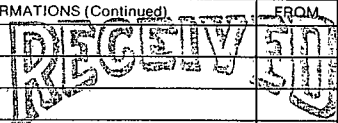
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
|---------------|---------------|----------------|--------------|
| Subs. SWL     | Date          | Analysis       | Aquifer Test |

**SCREEN DATA**

|                                |  |                                |
|--------------------------------|--|--------------------------------|
| Diameter - Inches<br><u>2"</u> | Length - Feet<br><u>10</u>               | Slot Size - Inches<br><u>8</u> |
| Screen Type<br><u>PVC</u>      | Depth to Bottom - Feet<br><u>610-620</u> |                                |

Driller's Remarks

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         | FORMATIONS (Continued) |    |
|---------------------------------------|------------|------------|------------------------|----|
|                                       |            |            | FROM                   | TO |
| <u>Clay</u>                           | <u>0</u>   | <u>10</u>  |                        |    |
| <u>Red Sand</u>                       | <u>10</u>  | <u>20</u>  |                        |    |
| <u>Clay</u>                           | <u>20</u>  | <u>250</u> |                        |    |
| <u>Sand</u>                           | <u>250</u> | <u>305</u> |                        |    |
| <u>Clay</u>                           | <u>305</u> | <u>480</u> |                        |    |
| <u>Sand</u>                           | <u>480</u> | <u>620</u> |                        |    |



**JUL 15 1993**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL:

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

SECTION

8

Please indicate well location X.

ADDITIONAL INFORMATION

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