

**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  
**Sunflower**

WELL NUMBER **81** CODED

DATE WELL COMPLETED  
**4-26-00**

PERMIT NUMBER  
**MSGW 38352**

NAME OF DRILLING FIRM  
**Irrigation Equipment Inc.  
Indianola, MS**

NAME & MAILING ADDRESS OF LANDOWNER  
**Price Toler**

**209 Stonecastle-Castlewoods**

**Brandon, MS 39407**

WELL LOCATION: SEC **12** TOWNSHIP **17N<sup>N</sup> 5W<sup>E</sup>** RANGE **5W**

DISTANCE **5** Miles DIRECTION **SW** of NEAREST TOWN **Inverness**

OTHER LANDMARK:

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

**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 **15**

Pump Capacity (GPM): **750** No. of Stages: **1** Setting Depth: **70** FT.

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

**WELL DATA**

|                              |                                    |   |
|------------------------------|------------------------------------|---|
| Well Depth<br><b>115</b>     | Casing Diameter (In.)<br><b>10</b> | Casing Length (Ft.)<br><b>75</b>            |
| Type of Casing<br><b>PVC</b> | Hole Depth<br><b>115</b>           | Depth to Static Water Level<br><b>27ft.</b> |

**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)

**GEOLOGIC DATA (Office Use Only)**

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

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

Driller's Remarks  
**Jones Planting Co.**

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

**SCREEN DATA**

|                                |                                      |                                   |
|--------------------------------|--------------------------------------|-----------------------------------|
| Diameter - Inches<br><b>10</b> | Length - Feet<br><b>40</b>           | Slot-Size - Inches<br><b>.050</b> |
| Screen Type<br><b>PVC</b>      | Depth to Bottom - Feet<br><b>115</b> |                                   |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  |
|---------------------------------------|------|-----|
| Clay                                  | 0    | 55  |
| Clay & Fine Sand                      | 55   | 65  |
| Coarse Sand & Gravel                  | 65   | 115 |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |

FORMATIONS CONTINUED FROM TO

**JUN 22 2000**

**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 12

Please indicate well location X.

ADDITIONAL INFORMATION

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