

**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<br><b>Coahoma</b> |
| WELL NUMBER<br><b>N 2002</b>          |
| DATE WELL COMPLETED<br><b>3/6/91</b>  |

|   |
|---|
| PERMIT NUMBER<br><b>Replacement</b>                     |
| NAME OF DRILLING FIRM<br><b>Powell Irrigation, Inc.</b> |
| ADDRESS<br><b>Rt. 2, Box 200 Clarksdale, MS 38614</b>   |

|  |           |                  |
|--|-----------|------------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Dulaney Farms</b>                    |           |                  |
| <b>Rt. 2, Box 140</b>  |           |                  |
| <b>Clarksdale, MS 38614</b>  |           |                  |
| WELL LOCATION: SEC   | TOWNSHIP  | RANGE            |
| <b>11</b>  | <b>25</b> | <b>4 E</b>       |
| DISTANCE   | DIRECTION | NEAREST TOWN     |
| <b>2 1/2</b> Miles   | <b>N</b>  | <b>Round Bay</b> |
| OTHER LANDMARK   |           |                  |
| WELL PURPOSE: Home, <u>Irrigation</u> , Municipal, Industrial, Fish Pond, etc. |           |                  |

|  |               |                |
|--|---------------|----------------|
| <b>PUMP DATA</b>   |               |                |
| PUMP TYPE (Circle One):<br>Submersible, <u>Turbine</u> , Jet, Flowing Well,<br>Other (Describe) _____                    |               |                |
| POWER TYPE (Circle One):<br>Electric, Tractor, <u>Diesel</u> , Gasoline, Butane,<br>Other (Describe) _____ H/P <u>60</u> |               |                |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth  |
| <b>2000</b>  | <b>2</b>      | <b>60'</b> FT. |
| PUMP TEST  |               |                |
| Well yielded _____ GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping                                   |               |                |

|   |                       |                             |
|---|-----------------------|-----------------------------|
| <b>WELL DATA</b>  |                       |                             |
| Well Depth  | Casing Diameter (In.) | Casing Length (Ft.)         |
| <b>114'</b>   | <b>16"</b>            | <b>74'</b>                  |
| Type of Casing  | Hole Depth            | Depth to Static Water Level |
| <b>Steel</b>  | <b>114'</b>           | <b>35'</b>                  |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) _____ |                       |                             |
| Top of Lap Pipe or Reduction in Casing  |                       |                             |
| FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE   |                       |                             |

|  |  |
|--|--|
| <b>LOG DATA</b>  |  |
| TYPE OF LOG RUN (Circle One):<br>No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,<br>Other (Describe) _____ |  |
| Name of Organization Running Log   |  |

|                    |                        |                    |
|--------------------|------------------------|--------------------|
| <b>SCREEN DATA</b> |                        |                    |
| Diameter - inches  | Length - Feet          | Slot Size - inches |
| <b>16"</b>         | <b>40'</b>             | <b>.040</b>        |
| Screen Type        | Depth to Bottom - Feet |                    |
| <b>Steel</b>       | <b>114'</b>            |                    |

|  |               |                |              |
|--|---------------|----------------|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b> |               |                |              |
| 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    | 18  | <b>RECEIVED</b><br><br>AUG 12 1991<br><br>Dept. of Environmental Quality<br>Bureau of Land & Water Resources |      |    |
| CLAY                                  | 18   | 28  |  |      |    |
| CLAY                                  | 28   | 38  |  |      |    |
| SAND                                  | 38   | 48  |  |      |    |
| SAND                                  | 48   | 58  |  |      |    |
| COARSE SAND                           | 58   | 68  |  |      |    |
| COARSE SAND                           | 68   | 78  |  |      |    |
| SAND & GRAVEL                         | 78   | 88  |  |      |    |
| SANDY GRAVEL                          | 88   | 98  |  |      |    |
| SAND & GRAVEL                         | 98   | 108 |  |      |    |
| GRAVEL                                | 108  | 114 |  |      |    |

IF MORE SPACE IS NEEDED, USE BACK