

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 10631  
Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

|   |  |
|---|--|
| COUNTY WELL LOCATED<br><i>Humphreys</i> |  |
| WELL NUMBER<br><i>H 45</i>              | CODED<br><input checked="" type="checkbox"/> |
| DATE WELL COMPLETED<br><i>03-07-88</i>  |  |

|   |
|---|
| PERMIT NUMBER<br><i>MS GW 08124</i>                   |
| NAME OF DRILLING FIRM<br><i>Karrigwell &amp; Pump</i> |

|  |                              |                                 |
|--|------------------------------|---------------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>M. L. Pruden</i>                     |                              |                                 |
| WELL LOCATION: SEC <i>29</i> TOWNSHIP <i>14</i> RANGE <i>4</i>                 |                              |                                 |
| DISTANCE<br><i>3</i> Miles   | DIRECTION<br><i>South</i> of | NEAREST TOWN<br><i>Midnight</i> |
| OTHER LANDMARK   |                              |                                 |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, <u>Fish Pond</u> , etc. |                              |                                 |

|  |                           |                                |
|--|---------------------------|--------------------------------|
| PUMP DATA  |                           |                                |
| PUMP TYPE (Circle One):<br><u>Submersible</u> Turbine, Jet, Flowing Well,<br>Other (Describe)      |                           |                                |
| POWER TYPE (Circle One):<br><u>Electric</u> Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) |                           |                                |
| Pump Capacity (GPM)<br><i>700</i>  | No. of Stages<br><i>1</i> | Setting Depth<br><i>60</i> FT. |
| PUMP TEST  |                           |                                |
| Well yielded _____ GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping             |                           |                                |

|   |                                    |   |
|---|------------------------------------|---|
| WELL DATA   |                                    |   |
| Well Depth<br><i>114'</i>   | Casing Diameter (In.)<br><i>8"</i> | Casing Length (Ft.)<br><i>74'</i>         |
| Type of Casing<br><i>PVC</i>  | Hole Depth<br><i>114'</i>          | Depth to Static Water Level<br><i>23'</i> |
| 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<br>FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE   |                                    |   |

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

|                                |                                       |                                   |
|--------------------------------|---------------------------------------|-----------------------------------|
| SCREEN DATA                    |                                       |                                   |
| Diameter - Inches<br><i>8"</i> | Length - Feet<br><i>40'</i>           | Slot Size - Inches<br><i>.060</i> |
| Screen Type<br><i>PVC</i>      | Depth to Bottom - Feet<br><i>114'</i> |                                   |

|                                 |               |                |              |
|---------------------------------|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) |               |                |              |
| Surface Elev.                   | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL                       | Date          | Analysis       | Aquifer Test |
| Driller's Remarks               |               |                |              |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO          | FOR USE BY DRILLER  | FROM | TO |
|---------------------------------------|------------|-------------|---|------|----|
| <i>Clay</i>                           | <i>0</i>   | <i>20'</i>  | <b>RECEIVED</b><br>MAR 31 1988<br>Department of Natural Resources<br>Bureau of Land & Water Resources |      |    |
| <i>Fine Sand</i>                      | <i>20</i>  | <i>45'</i>  |   |      |    |
| <i>coarse Sand &amp; gravel</i>       | <i>45'</i> | <i>114'</i> |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |
|                                       |            |             |   |      |    |

IF MORE SPACE IS NEEDED, USE BACK