

**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><i>Lauderdale</i> |       |
| WELL NUMBER<br><i>15 2157</i>            | CODED |
| DATE WELL COMPLETED<br><i>3/20/92</i>    |       |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><i>Clardy Well Columbus, Mo.</i> |

|   |                          |                                 |
|---|--------------------------|---------------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>William S. Zuggle</i>                             |                          |                                 |
| <i>421 Belle Cir.</i>   |                          |                                 |
| <i>Columbus, Mo. 39702</i>  |                          |                                 |
| WELL LOCATION: SEC  | TOWNSHIP                 | RANGE                           |
| <i>4</i>  | <i>18</i>                | <i>18</i>                       |
| DISTANCE<br><i>2 3/4</i> Miles  | DIRECTION<br><i>East</i> | NEAREST TOWN<br><i>Columbus</i> |
| OTHER LANDMARK  |                          |                                 |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><i>Irrigation</i> |                          |                                 |

|   |                            |                                |
|---|----------------------------|--------------------------------|
| <b>PUMP DATA</b>  |                            |                                |
| 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) _____ H/P _____        |                            |                                |
| Pump Capacity (GPM)<br><i>1,000</i>   | No. of Stages<br><i>12</i> | Setting Depth<br><i>80</i> FT. |
| PUMP TEST<br><i>(34hp)</i><br>Well yielded <i>1,000</i> GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping |                            |                                |

|   |                                    |   |
|---|------------------------------------|---|
| <b>WELL DATA</b>  |                                    |   |
| Well Depth<br><i>146'</i>   | Casing Diameter (In.)<br><i>4"</i> | Casing Length (Ft.)<br><i>100</i>         |
| Type of Casing<br><i>PVC</i>  | Hole Depth                         | Depth to Static Water Level<br><i>35'</i> |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, 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<br><i>2"</i> | Length - Feet<br><i>40'</i> | Slot Size - Inches<br><i>.013</i> |
| Screen Type<br><i>PVC.</i>     | Depth to Bottom - Feet      |                                   |

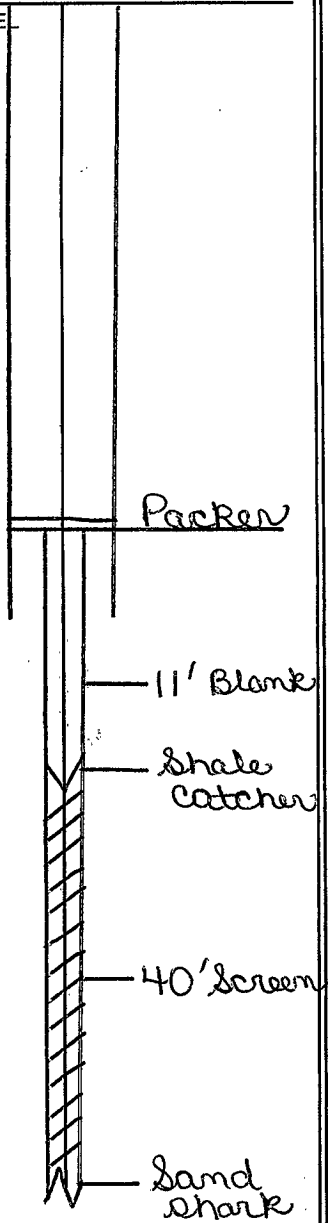
|  |               |                |              |
|--|---------------|----------------|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b>   |               |                |              |
| Surface Elev.  | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL  | Date          | Analysis       | Aquifer Test |
| Driller's Remarks<br><i>MAR 23 1992</i>  |               |                |              |
| <b>Dept. of Environmental Quality</b><br><b>Bureau of Land &amp; Water Resources</b> |               |                |              |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM          | TO            | FORMATIONS (Continued) | FROM           | TO             |
|---------------------------------------|---------------|---------------|------------------------|----------------|----------------|
| <i>Red clay</i>                       | <i>0</i>      | <i>15</i>     | <i>sand streak</i>     | <i>132</i>     | <i>132 1/2</i> |
| <i>sand &amp; gravel</i>              | <i>15</i>     | <i>44</i>     | <i>Clay</i>            | <i>132 1/2</i> | <i>141</i>     |
| <i>Clay</i>                           | <i>44</i>     | <i>67</i>     | <i>sand streak</i>     | <i>141</i>     | <i>142</i>     |
| <i>sandy clay</i>                     | <i>67</i>     | <i>72</i>     | <i>Clay</i>            | <i>142</i>     | <i>146</i>     |
| <i>Clay</i>                           | <i>72</i>     | <i>80</i>     |                        |                |                |
| <i>sandy clay</i>                     | <i>80</i>     | <i>88 1/2</i> |                        |                |                |
| <i>Clay</i>                           | <i>88 1/2</i> | <i>92</i>     |                        |                |                |
| <i>sandy clay</i>                     | <i>92</i>     | <i>97 1/2</i> |                        |                |                |
| <i>Clay</i>                           | <i>97 1/2</i> | <i>110</i>    |                        |                |                |
| <i>Rocky sand str.</i>                | <i>110</i>    | <i>126</i>    |                        |                |                |
| <i>sandy clay</i>                     | <i>126</i>    | <i>132</i>    |                        |                |                |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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