

# 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><u>Sources</u> |       |
| WELL NUMBER<br><u>F 2046</u>          | CODED |
| DATE WELL COMPLETED<br><u>7/20/90</u> |       |

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

|   |                                     |                                     |  |
|---|-------------------------------------|-------------------------------------|--|
| NAME & MAILING ADDRESS OF LANDOWNER<br><u>Willis Pope III</u><br><u>143 Steiger Rd.</u><br><u>Columbus, Mo.</u> |                                     |                                     |  |
| WELL LOCATION: SEC  | TOWNSHIP                            | RANGE                               |  |
| <u>22</u>   | <u>19</u> <sup>N</sup> <sub>S</sub> | <u>17</u> <sup>E</sup> <sub>W</sub> |  |
| DISTANCE  | DIRECTION                           | NEAREST TOWN                        |  |
| <u>5</u> Miles  | <u>W</u>                            | of <u>Columbus</u>                  |  |
| OTHER LANDMARK  |                                     |                                     |  |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><u>Home</u>                           |                                     |                                     |  |

|  |                            |                                 |
|--|----------------------------|---------------------------------|
| 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) _____ H/P _____                       |                            |                                 |
| Pump Capacity (GPM)<br><u>900</u>  | No. of Stages<br><u>12</u> | Setting Depth<br><u>160</u> FT. |
| PUMP TEST<br><u>(1050-12)</u><br><u>3/4 900 GPM</u><br>Well yielded _____ ft.<br>a drawdown of _____ ft.<br>after _____ hours of pumping |                            |                                 |

|   |                                    |   |
|---|------------------------------------|---|
| WELL DATA   |                                    |   |
| Well Depth<br><u>322'</u>   | Casing Diameter (In.)<br><u>4"</u> | Casing Length (Ft.)<br><u>183'</u>        |
| Type of Casing<br><u>PVC</u>  | Hole Depth                         | Depth to Static Water Level<br><u>111</u> |
| 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<br><br>FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE                  |                                    |   |

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

|                                |                             |                                  |
|--------------------------------|-----------------------------|----------------------------------|
| SCREEN DATA                    |                             |                                  |
| Diameter - Inches<br><u>2"</u> | Length - Feet<br><u>40'</u> | Slot Size - Inches<br><u>013</u> |
| Screen Type<br><u>PVC.</u>     | Depth to Bottom - Feet      |                                  |

|  |                            |                |               |
|--|----------------------------|----------------|---------------|
| GEOLOGIC DATA (Office Use Only)  |                            |                |               |
| Surface Elev.  | Geologic Unit              | Unit Thickness | Depth to Top  |
| Subs. SWL  | Date<br><u>DEC 27 1990</u> | Analysis       | Acidifer Test |
| Driller's Remarks<br><u>LOG</u><br><br><u>AUG 15 1990</u><br><br>Department of Natural Resources<br>Bureau of Land & Water Resources |                            |                |               |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM           | TO             | FORMATIONS (Continued) | FROM           | TO             |
|---------------------------------------|----------------|----------------|------------------------|----------------|----------------|
| <u>Brown clay</u>                     | <u>0</u>       | <u>13</u>      | <u>Sandy clay</u>      | <u>242</u>     | <u>245 1/2</u> |
| <u>Rock</u>                           | <u>13</u>      | <u>16</u>      | <u>sand streak</u>     | <u>245 1/2</u> | <u>252 1/2</u> |
| <u>Brown clay</u>                     | <u>16</u>      | <u>24</u>      | <u>Rock</u>            | <u>252 1/2</u> | <u>253</u>     |
| <u>Blue clay</u>                      | <u>24</u>      | <u>151</u>     | <u>sand</u>            | <u>253</u>     | <u>258</u>     |
| <u>sm. rock</u>                       | <u>151</u>     |                | <u>sandy clay</u>      | <u>258</u>     | <u>262</u>     |
| <u>Clay</u>                           | <u>151</u>     | <u>156 1/2</u> | <u>Fine sand</u>       | <u>262</u>     | <u>282</u>     |
| <u>sm. rock</u>                       | <u>156 1/2</u> |                | <u>sandy clay</u>      | <u>282</u>     | <u>294</u>     |
| <u>Clay</u>                           | <u>156 1/2</u> | <u>189</u>     | <u>sandy clay</u>      | <u>294</u>     | <u>297</u>     |
| <u>Rocky</u>                          | <u>189</u>     | <u>194</u>     | <u>sand</u>            | <u>297</u>     | <u>322</u>     |
| <u>sandy clay</u>                     | <u>194</u>     | <u>240</u>     |                        |                |                |
| <u>Clay</u>                           | <u>240</u>     | <u>242</u>     |                        |                |                |

IF MORE SPACE IS NEEDED, USE BACK

