

**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<br><b>TATE</b>      |       |
| WELL NUMBER<br><b>1</b>                 | CODED |
| <b>F69</b>                              |       |
| DATE WELL COMPLETED<br><b>JAN. 2006</b> |       |

|  |
|--|
| PERMIT NUMBER<br><b>MSGW-16304</b>                     |
| NAME OF DRILLING FIRM<br><b>LIPE WELL &amp; SUPPLY</b> |
| <b>POPE, MS.</b>                                       |

|   |           |                |          |
|---|-----------|----------------|----------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>MEMPHIS STONE</b>                                 |           |                |          |
| <b>P.O. Box 1683</b>  |           |                |          |
| <b>MEMPHIS, TN 38101</b>  |           |                |          |
| Latitude: <b>34385AN</b>  |           |                |          |
| Longitude: <b>900517W +GPS</b>  |           |                |          |
| WELL LOCATION   | SEC       | TOWNSHIP       | RANGE    |
|   | <b>18</b> | <b>S</b>       | <b>8</b> |
|   |           | <b>S</b>       | <b>W</b> |
| DISTANCE  | DIRECTION | NEAREST TOWN   |          |
| <b>5</b>  | <b>W</b>  | <b>SENATOR</b> |          |
| OTHER LANDMARK<br><b>J.J. RANCH &amp; 1206 FOOT RD</b>                                      |           |                |          |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>INDUSTRIAL</b> |           |                |          |

|  |  |
|--|--|
| <b>PUMP DATA</b>   |  |
| PUMP TYPE (Circle One):<br>Submersible, <b>Turbine</b> , Jet, Flowing Well,<br>Other (Describe) _____                |  |
| POWER TYPE (Circle One):<br><b>Electric</b> , Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P _____ |  |

|   |                                     |   |
|---|-------------------------------------|---|
| <b>WELL DATA</b>  |                                     |   |
| Well Depth<br><b>267' 6"</b>  | Casing Diameter (In.)<br><b>16"</b> | Casing Length (Ft.)<br><b>220'</b>        |
| Type of Casing<br><b>STEEL</b>  | Hole Depth<br><b>357'</b>           | Depth to Static Water Level<br><b>88'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><b>Natural Development</b> , Gravel Packed, Underreamed, Telescoped,<br>Open Hole, Other |                                     |   |
| WELL GROUTED TO A DEPTH OF <b>40</b> FEET<br>Type Grout (circle one) <b>Cement</b> , Bentonite, or Mix                                |                                     |   |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         |
|---------------------------------------|------------|------------|
| <b>Red clay, pea gravel</b>           | <b>0</b>   | <b>25</b>  |
| <b>Gravel</b>                         | <b>25</b>  | <b>35</b>  |
| <b>White clay - mud balls</b>         | <b>35</b>  | <b>45</b>  |
| <b>Blue hard clay</b>                 | <b>45</b>  | <b>100</b> |
| <b>Well curbing clay</b>              | <b>100</b> | <b>135</b> |
| <b>Softer clay</b>                    | <b>135</b> | <b>160</b> |
| <b>Clay</b>                           | <b>160</b> | <b>175</b> |
| <b>Rock</b>                           | <b>170</b> |            |
| <b>Sand</b>                           | <b>175</b> | <b>184</b> |
| <b>Clay band</b>                      | <b>184</b> | <b>190</b> |
| <b>Sand &amp; clay</b>                | <b>190</b> | <b>194</b> |
| <b>Sand</b>                           | <b>194</b> | <b>224</b> |
| <b>Sand</b>                           | <b>224</b> | <b>290</b> |
| <b>Sandy clay</b>                     | <b>290</b> | <b>315</b> |
| <b>Muddy sand</b>                     | <b>315</b> | <b>340</b> |
| <b>Hard blue clay</b>                 | <b>340</b> | <b>357</b> |

|                                 |                                      |                                    |
|---------------------------------|--------------------------------------|------------------------------------|
| <b>SCREEN DATA</b>              |                                      |                                    |
| Diameter - Inches<br><b>12"</b> | Length - Feet<br><b>40</b>           | Slot Size - Inches<br><b>.012"</b> |
| Screen Type<br><b>SSWR</b>      | Depth to Bottom - Feet<br><b>260</b> |                                    |

|   |  |
|---|--|
| Top of Lap Pipe or Reduction in Casing<br><b>220</b> FEET | IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE |
|---|--|

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

*Larry Lipsie* 0-01  
Signature of Licensed Driller and License No.

**RECEIVED**  
**MAY 30 2006**      5/23/06  
Date

**BY: OLWR**

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

|  |   |  |  |
|--|---|--|--|
|  |   |  |  |
|  | X |  |  |
|  |   |  |  |
|  |   |  |  |

SECTION 18

Please indicate well location X.

|   |               |                |
|---|---------------|----------------|
| Pump Capacity (GPM)   | No. of Stages | Setting Depth  |
| <u>1000</u>   | <u>2</u>      | <u>180</u> FT. |
| PUMP TEST   |               |                |
| Well yielded <u>1000</u> GPM with a drawdown of <u>31</u> ft. after <u>6</u> hours of pumping |               |                |

LOG DATA

|   |  |
|---|--|
| TYPE OF LOG RUN (Circle One):             | No Log Run.  |
| <input checked="" type="radio"/> Electric | Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____ |
| Name of Organization Running Log          |  |
| <u>MGS</u>                                |  |

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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