

**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>Amite</u>    |       | PERMIT NUMBER<br><u>0-453</u>                         |
| WELL NUMBER<br><u>Clark A</u>          | CODED | NAME OF DRILLING FIRM<br><u>Morphis Brothers, Inc</u> |
| # <u>M 63</u>                          |       |   |
| DATE WELL COMPLETED<br><u>12-20-90</u> |       | <u>Trout, La. 71371</u>                               |

|   |           |   |
|---|-----------|---|
| NAME & MAILING ADDRESS OF LANDOWNER<br><u>Oxy. USA</u>                                      |           |   |
| <u>P.O. Box 27570</u>   |           |   |
| <u>Houston, Texas 77227</u>   |           |   |
| WELL LOCATION:  | SEC       | TOWNSHIP RANGE  |
|   | <u>31</u> | <u>2</u> <sup>N</sup> / <sub>S</sub> <u>3</u> <sup>E</sup> / <sub>W</sub> |
| DISTANCE  | DIRECTION | NEAREST TOWN  |
| <u>7 1/2</u> Miles  | <u>SE</u> | <u>Liberty</u>  |
| OTHER LANDMARK<br><u>Power Line</u>   |           |   |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><u>Rig Supply</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) _____ <u>H/P 7 1/2</u> |               |                |
| Pump Capacity (GPM)   | No. of Stages | Setting Depth  |
|   |               | <u>168</u> FT. |
| PUMP TEST   |               |                |
| Well yielded <u>100</u> GPM with<br>a drawdown of <u>NA</u> ft.<br>after _____ hours of pumping                             |               |                |

|   |                                   |  |
|---|-----------------------------------|--|
| WELL DATA   |                                   |  |
| Well Depth<br><u>240</u>  | Casing Diameter (In.)<br><u>4</u> | Casing Length (Ft.)<br><u>210</u>        |
| Type of Casing<br><u>PVC</u>  | Hole Depth<br><u>240</u>          | Depth to Static Water Level<br><u>90</u> |
| 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><br>FEET 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) <u>NA</u> |  |  |
| Name of Organization Running Log   |  |  |

|                               |                                    |                                   |
|-------------------------------|------------------------------------|-----------------------------------|
| SCREEN DATA                   |                                    |                                   |
| Diameter - Inches<br><u>4</u> | Length - Feet<br><u>30</u>         | Slot Size - Inches<br><u>.020</u> |
| Screen Type<br><u>PVC</u>     | Depth to Bottom - Feet<br><u>0</u> |                                   |

|                                 |               |                |              |
|---------------------------------|---------------|----------------|--------------|
| 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         | FORMATIONS (Continued) |    |
|---|------------|------------|------------------------|----|
|   |            |            | FROM                   | TO |
| <u>Clay &amp; Sand</u>                          | <u>0</u>   | <u>20</u>  |                        |    |
| <u>Sand &amp; Gravel</u>                        | <u>20</u>  | <u>80</u>  |                        |    |
| <u>Sand &amp; Gravel + 5' Clay</u>              | <u>80</u>  | <u>100</u> |                        |    |
| <u>Sandy Clay Strks</u>                         | <u>100</u> | <u>160</u> |                        |    |
| <u>Soft Red White Clay w/small Gravel</u>       | <u>160</u> | <u>180</u> |                        |    |
| <u>Med Coarse Sand w/clay sh</u>                | <u>180</u> | <u>200</u> |                        |    |
| <u>Med Coarse Brown Sand</u>                    | <u>200</u> | <u>220</u> |                        |    |
| <u>Med Coarse Brown Sand w/Traces of Gravel</u> | <u>220</u> | <u>240</u> |                        |    |
|   |            |            |                        |    |
|   |            |            |                        |    |

**RECEIVED**

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Dept. of Environmental Quality  
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK