

**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 |            |
| <i>SUNFLOWER</i>    |            |
| WELL NUMBER         | CODED      |
| <i>1</i>            | <i>(S)</i> |
| <i>N-124</i>        |            |
| DATE WELL COMPLETED |            |
| <i>2-2000</i>       |            |

|                       |
|-----------------------|
| PERMIT NUMBER         |
| NAME OF DRILLING FIRM |
| <i>CTS Drilling</i>   |

|                                                                                |           |                    |
|--------------------------------------------------------------------------------|-----------|--------------------|
| NAME & MAILING ADDRESS OF LANDOWNER                                            |           |                    |
| <i>Irrigation Equip. Inc</i>                                                   |           |                    |
| <i>Hy. 80 E</i>                                                                |           |                    |
| <i>Indinola, MS</i>                                                            |           |                    |
| WELL LOCATION:                                                                 | SEC       | TOWNSHIP           |
|                                                                                | <i>29</i> | <i>19</i>          |
|                                                                                |           | <i>(N)</i>         |
|                                                                                |           | <i>(S)</i>         |
|                                                                                |           | <i>4</i>           |
|                                                                                |           | <i>(W)</i>         |
| DISTANCE                                                                       | DIRECTION | NEAREST TOWN       |
| <i>1</i> Miles                                                                 | <i>E</i>  | of <i>Indinola</i> |
| OTHER LANDMARK                                                                 |           |                    |
| WELL PURPOSE: Home, Irrigation, Municipal, <u>Industrial</u> , Fish Pond, etc. |           |                    |

|                                 |               |               |
|---------------------------------|---------------|---------------|
| PUMP DATA                       |               |               |
| PUMP TYPE (Circle One):         |               |               |
| <u>Submersible</u>              | Turbine       | Jet           |
| Other (Describe)                |               |               |
| POWER TYPE (Circle One):        |               |               |
| <u>Electric</u>                 | Tractor       | Diesel        |
| Other (Describe)                |               |               |
| Pump Capacity (GPM)             | No. of Stages | Setting Depth |
| <i>35</i>                       | <i>9</i>      | <i>84</i> FT. |
| PUMP TEST                       |               |               |
| Well yielded <i>40</i> GPM with |               |               |
| a drawdown of _____ ft.         |               |               |
| after _____ hours of pumping    |               |               |

|                                                    |                       |                             |
|----------------------------------------------------|-----------------------|-----------------------------|
| WELL DATA                                          |                       |                             |
| Well Depth                                         | Casing Diameter (In.) | Casing Length (Ft.)         |
| <i>770</i>                                         | <i>4</i>              | <i>750</i>                  |
| Type of Casing                                     | Hole Depth            | Depth to Static Water Level |
| <i>Pvc</i>                                         | <i>770</i>            | <i>21</i>                   |
| TYPE OF COMPLETION: (Circle One or More):          |                       |                             |
| <u>Natural Development</u>                         | Gravel Packed,        | Underreamed,                |
|                                                    | Telescoped,           | Open Hole,                  |
|                                                    | Other                 |                             |
| (Describe)                                         |                       |                             |
| WELL GROUTED TO A DEPTH OF <i>10</i> FEET          |                       |                             |
| Type Grout (circle one): Cement, Bentonite, or Mix |                       |                             |

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

|                   |                        |                    |
|-------------------|------------------------|--------------------|
| SCREEN DATA       |                        |                    |
| Diameter - Inches | Length - Feet          | Slot Size - Inches |
| <i>4</i>          | <i>20</i>              | <i>10/10</i>       |
| Screen Type       | Depth to Bottom - Feet |                    |
| <i>Pvc</i>        | <i>770</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         | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|------|----|
| <i>TOP soil &amp; clay</i>            | <i>0</i>   | <i>19</i>  |                        |      |    |
| <i>SAND &amp; GRAVEL</i>              | <i>19</i>  | <i>157</i> |                        |      |    |
| <i>SAND</i>                           | <i>157</i> | <i>410</i> |                        |      |    |
| <i>CLAY</i>                           | <i>410</i> | <i>491</i> |                        |      |    |
| <i>SHELL</i>                          | <i>491</i> | <i>696</i> |                        |      |    |
| <i>SAND</i>                           | <i>696</i> | <i>770</i> |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

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

SECTION 27

Please indicate well location X.

ADDITIONAL INFORMATION

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