

**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  
**WASHINGTON**

WELL NUMBER CODED  
**M-157**

DATE WELL COMPLETED  
**3-12/01**

PERMIT NUMBER  
**GW39059**

NAME OF DRILLING FIRM  
**Chicot Irrigation**

NAME & MAILING ADDRESS OF LANDOWNER  
**Trail Lake Enterprises**

**P.O. Box 189**

**ARCOLA, MS. 38722**

WELL LOCATION: SEC. TOWNSHIP RANGE  
**33° 16' 10" 16 09 14 4 E W**

DISTANCE DIRECTION NEAREST TOWN  
**1/2 Miles South of Arcola.**

OTHER LANDMARK  
**Old Cotton Gin**

WELL PURPOSE: Home  Irrigation Municipal, Industrial, Fish Pond, etc.

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, **Turbine** Jet Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
**Tractor**, **Diesel** Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P \_\_\_\_\_

Pump Capacity (GPM) No. of Stages Setting Depth  
**1000 2 60** FT.

PUMP TEST  
Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

|                              |                                    |                                  |
|------------------------------|------------------------------------|----------------------------------|
| Well Depth<br><b>90</b>      | Casing Diameter (In.)<br><b>10</b> | Casing Length (Ft.)<br><b>60</b> |
| Type of Casing<br><b>Pvc</b> | Hole Depth<br><b>93</b>            | Depth to Static Water Level      |

**LOG DATA**

TYPE OF LOG RUN (Circle One): **No Log Run**  
Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log \_\_\_\_\_

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other  
(Describe) \_\_\_\_\_

WELL GROUTED TO A DEPTH OF \_\_\_\_\_ FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

**GEOLOGIC DATA (Office Use Only)**

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

**SCREEN DATA**

|                                |                                     |                                   |
|--------------------------------|-------------------------------------|-----------------------------------|
| Diameter - Inches<br><b>10</b> | Length - Feet<br><b>30</b>          | Slot Size - Inches<br><b>0.50</b> |
| Screen Type<br><b>Pvc</b>      | Depth to Bottom - Feet<br><b>90</b> |                                   |

Driller's Remarks  
**33-16-06**  
**90-47-25**

Top of Lap Pipe or Reduction in Casing  
**FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM      | TO        |
|---------------------------------------|-----------|-----------|
| <b>T.S.</b>                           | <b>0</b>  | <b>10</b> |
| <b>Fine Sand</b>                      | <b>10</b> | <b>20</b> |
| <b>Coarse Sand</b>                    | <b>20</b> | <b>80</b> |
| <b>Med Sand</b>                       | <b>80</b> | <b>90</b> |
| <b>Gray Clay</b>                      | <b>90</b> | <b>93</b> |

| FORMATIONS (Continued)  | FROM | TO |
|-------------------------|------|----|
| <b>RECD JUL 06 2001</b> |      |    |

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.