

**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  
Madison

WELL NUMBER  
200

DATE WELL COMPLETED  
4-28-04

PERMIT NUMBER

NAME OF DRILLING FIRM  
Smith Well Drilling & Sew.

NAME & MAILING ADDRESS OF LANDOWNER  
STEVE ALLEN  
SANDS LAKE ESTATES

Latitude:  
Longitude:

WELL LOCATION: SEC 0-19 T-8 N S R-5 E W

DISTANCE 7.5 Miles DIRECTION S-E of NEAREST TOWN SANDS

OTHER LANDMARK

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

**PUMP DATA**

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

POWER TYPE (Circle One):  
 Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) H/P 34

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         |
|---------------------------------------|------------|------------|
| <u>TOP SOIL</u>                       | <u>0</u>   | <u>5</u>   |
| <u>SAND</u>                           | <u>5</u>   | <u>30</u>  |
| <u>WHITE CLAY</u>                     | <u>30</u>  | <u>100</u> |
| <u>BLACK &amp; GRAY CLAY</u>          | <u>100</u> | <u>140</u> |
| <u>WHITE CLAY + SAND</u>              | <u>140</u> | <u>180</u> |
| <u>WHITE SAND</u>                     | <u>180</u> | <u>200</u> |

**WELL DATA**

Well Depth 200 Casing Diameter (In.) 4" Casing Length (Ft.) 190

Type of Casing PVC Hole Depth 200 Depth to Static Water Level 75

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

WELL GROUTED TO A DEPTH OF 10 FEET  
Type Grout (circle one):  Cement,  Bentonite, or Mix

**SCREEN DATA**

Diameter - Inches 4" Length - Feet 10 Slot Size - Inches 1/4" x 1/16"

Screen Type PVC Depth to Bottom - Feet 200

**RECEIVED**

MAY 04 2004

**BY: OLWR**

Top of Lap Pipe or Reduction in Casing

FEET  IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

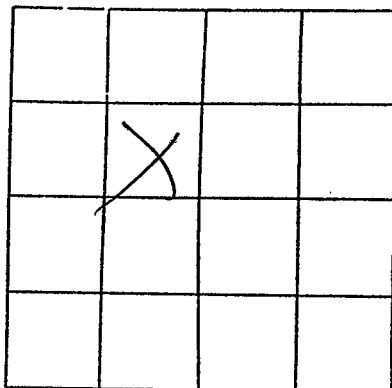
I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

[Signature] 0-645 4-28-04  
Signature of Licensed Driller and License No. Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 0-19

Please indicate well location X.

|                                 |               |               |     |
|---------------------------------|---------------|---------------|-----|
| Pump Capacity (GPM)             | No. of Stages | Setting Depth |     |
| <u>12</u>                       | <u>11</u>     | <u>80</u>     | FT. |
| PUMP TEST                       |               |               |     |
| Well yielded <u>15</u> GPM with |               |               |     |
| a drawdown of <u>3</u> ft.      |               |               |     |
| after <u>1</u> hours of pumping |               |               |     |

LOG DATA

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

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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