

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
WATER WELL DRILLERS LOG

**A-63**

COUNTY WELL LOCATED: DeSoto **TAL**

WELL NUMBER: [REDACTED] CODED: [REDACTED]

DATE WELL COMPLETED: 10/11/03

PERMIT NUMBER: MSGW-110082

NAME OF DRILLING FIRM: U.S. Army Corps of Engineers

NAME & MAILING ADDRESS OF LANDOWNER  
U.S. Army Corps of Engineers  
4155 E. Clay St.  
Vicksburg, MS 39183

Latitude: \_\_\_\_\_  
Longitude: \_\_\_\_\_

WELL LOCATION: SEC 2 TOWNSHIP 4 RANGE 9 **(S)** **(E)** **(W)**

DISTANCE 1 MILES DIRECTION North of Bakabuta Dam NEAREST TOWN \_\_\_\_\_

OTHER LANDMARK 30' North of outlet  
conduit on beam of Dam.

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
De-Waterage Well

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well,  
Other (Describe) Pump removed after 2 weeks

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Tan Clay w/silt streaks</u>	<u>0</u>	<u>20.0</u>
<u>Red sandy clay w/small gravel</u>	<u>20.0</u>	<u>40.0</u>
<u>Tan sandy clay wood at 75'</u>	<u>40.0</u>	<u>88.0</u>
<u>Brown fine sand</u>	<u>83.0</u>	<u>96.0</u>
<u>Brown fine sand w/small gravel</u>	<u>96.0</u>	<u>110.0</u>

RECEIVED  
DEC 05 2003  
BY: OLWR

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

**WELL DATA**

Well Depth <u>102.0</u>	Casing Diameter (In.) <u>6.0</u>	Casing Length (Ft.) <u>62.0</u>
Type of Casing <u>Schedule 40 PVC</u>	Hole Depth <u>110.0</u>	Depth to Static Water Level <u>58.15 bls</u>

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

WELL GROUTED TO A DEPTH OF 48.0 FEET  
Type Grout (circle one): Cement, Bentonite, or Mix

**SCREEN DATA**

Diameter - Inches <u>6.0</u>	Length - Feet <u>70.0</u>	Slot Size - Inches <u>0.020</u>
Screen Type <u>Schedule 40 PVC</u>	Depth to Bottom - Feet <u>102.0</u>	

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.

James J. [Signature]  
Signature of Licensed Driller and License No. \_\_\_\_\_

11/20/03  
Date \_\_\_\_\_

If well telescopes please sketch and show depths.

GROUND LEVEL

	①		

SECTION 2

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	FT.
PUMP TEST			
Well yielded _____ GPM with a drawdown of _____ ft. after _____ 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

\_\_\_\_\_

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\_\_\_\_\_

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