

A-47

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>Yalobusha</i>	
WELL NUMBER <i>5BF-04</i>	CODED
DATE WELL COMPLETED <i>03/30/04</i>	

PERMIT NUMBER <i>MSEW-116107</i>
NAME OF DRILLING FIRM <i>U.S. Army Corps of Engineers</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>U.S. Army Corps of Engineers 4155 E. Clay Street Vicksburg, MS 39183</i>			
Latitude:			
Longitude:			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<i>SE 1/4 NW 1/4</i>	<i>2</i>	<i>11 N</i>	<i>7 E</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>2.5</i> Miles	<i>NNW</i>	of <i>Enid, Ms.</i>	
OTHER LANDMARK <i>South Wall of Emergency Spillway - Enid Dam</i>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Backfill De-Waterways Well</i>			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Reddish orange, medium to coarse grained sand, poorly sorted</i>	<i>0</i>	<i>10</i>
<i>Reddish brown fine to medium grained, poorly sorted sand w/ plug gravel</i>	<i>10</i>	<i>20</i>
<i>As above w/ 1/4 to 1/2 in. dia. gravel mixed</i>	<i>20</i>	<i>30</i>
<i>Reddish tan fine to medium grained, poorly sorted sand w/ small pea gravel</i>	<i>30</i>	<i>45</i>
<i>Dark gray silty clay (Plasticity Index 100)</i>	<i>45</i>	<i>48</i>
NO MORE LOGGING		
APR 29 2004		
Top of Lap Pipe or Reduction in Casing FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

WELL DATA

Well Depth <i>36 Feet</i>	Casing Diameter (In.) <i>6 in.</i>	Casing Length (Ft.) <i>26 Feet</i>
Type of Casing <i>PVC</i>	Hole Depth <i>48 ft.</i>	Depth to Static Water Level <i>22.0 Feet</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <i>3.0 FEET</i> Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix		

SCREEN DATA

Diameter - Inches <i>6.0 in.</i>	Length - Feet <i>10 ft.</i>	Slot Size - Inches <i>0.020</i>
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>36.0 ft.</i>	

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 A. Jones 0-682
Signature of Licensed Driller and License No.

4/8/04
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

	X		

SECTION 2

Please indicate well location X.

Pump Capacity (GPM) <u>40</u>	No. of Stages	Setting Depth <u>35</u> FT.
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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

*Well completed in backfill sand behind wind wall.
Pump will be requested to dewater backfill
during installation of horizontal drains.
After drain installation, the pump will be
removed and the well will be utilized
as a piezometer.*

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