

# A-48

## 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>NBF-04</i>	CODED
DATE WELL COMPLETED <i>03/31/04</i>	

PERMIT NUMBER <i>MSEW-16108</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 St. Vicksburg, Miss. 39183</i>
Latitude:
Longitude:

WELL LOCATION	SEC	TOWNSHIP	RANGE
<i>NE 1/4, NW 1/4</i>	<i>2</i>	<i>11</i>	<i>7</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>2.5</i> Miles	<i>NNW</i>	of <i>Enid, Ms</i>	

OTHER LANDMARK <i>North Wall of Emergency Spillway Enid Dam</i>
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Backfill De-Watering Well</i>

#### WELL DATA

Well Depth <i>39.0</i>	Casing Diameter (In.) <i>6.0 in.</i>	Casing Length (Ft.) <i>29.0</i>
Type of Casing <i>PVC</i>	Hole Depth <i>43 ft.</i>	Depth to Static Water Level <i>22.0 ft.</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"/> Other
(Describe)			

WELL GROUTED TO A DEPTH OF <i>3.0</i> FEET
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 in.</i>
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>39.0</i>	

PUMP DATA			
PUMP TYPE (Circle One):			
<input checked="" type="checkbox"/> Submersible	<input type="checkbox"/> Turbine,	<input type="checkbox"/> Jet	<input type="checkbox"/> Flowing Well,
Other (Describe)			
POWER TYPE (Circle One):			
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Tractor,	<input type="checkbox"/> Diesel,	<input type="checkbox"/> Gasoline, Butane,
Other (Describe) _____ H/P _____			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Reddish brown fine to medium-grained sand w/ pea gravel</i>	<i>0</i>	<i>15</i>
<i>Brown coarse-grained sand and 1/2" to 1/2" dia. gravel</i>	<i>15</i>	<i>30</i>
<i>Reddish brown to tan, fine to medium-grained poorly sorted sand w/ small pea gravel</i>	<i>30</i>	<i>42</i>
<i>Dark gray silty clay (Bass City shale)</i>	<i>42</i>	<i>43</i>
<b>RECEIVED</b>		
<b>APR 29 2004</b>		
<b>BY: OLWFE</b>		
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.

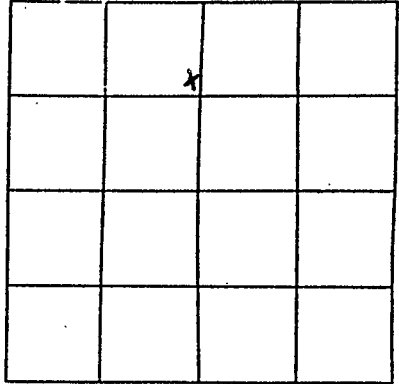
*James J. Nims* *0-682*  
Signature of Licensed Driller and License No.

*04/6/04*  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 2

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
40		38 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

Well completed in backfill sand behind  
wing wall. Pump will be operated to the water  
backfill during installation of horizontal  
draws. After draw 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.