

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 <u>DESOUD</u>	
WELL NUMBER <u>184</u>	CODED
K-121	
DATE WELL COMPLETED	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL DRILLING & SERVICE</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>DAVID CARTER</u>			
<u>OAK GROVE RD</u>			
<u>HERNANDO, MS.</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>N-7</u>	<u>T-3</u>	<u>R-28</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>2</u> Miles	<u>W</u>	of <u>HERNANDO</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>FLOOD DUCK FIELD</u>			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> Turbine. Jet Flowing Well. Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> Tractor. Diesel. Gasoline. Butane. Other (Describe) _____ H/P <u>15</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>400</u>	<u>4</u>	<u>100</u> FT.
PUMP TEST		
Well yielded <u>400</u> GPM with		
a drawdown of <u>20</u> ft.		
after <u>10</u> hours of pumping		

Well Depth <u>290</u>	Casing Diameter (In) <u>6"</u>	Casing Length (Ft) <u>240'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>290</u>	Depth to Static Water Level <u>20'</u>

LOG DATA	
TYPE OF LOG RUN (Circle One): 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) WASHED SAND

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test

WELL GROUTED TO A DEPTH OF 20 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

Driller's Remarks
RECEIVED
Top of Lap _____ Feet of Reduction in Casing _____
IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE

Diameter - Inches <u>4"</u>	Length - Feet <u>50</u>	Slot Size - Inches <u>16 THOUS.</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>290</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<u>TOP SAND</u>	<u>0</u>	<u>10</u>	<u>WHITE SAND</u>	<u>200</u> <u>290</u>
<u>GRAVEL & SAND</u>	<u>10</u>	<u>40</u>		
<u>WHITE CLAY & SAND</u>	<u>40</u>	<u>100</u>		
<u>GREY CLAY</u>	<u>100</u>	<u>140</u>		
<u>SAND & CLAY</u>	<u>140</u>	<u>200</u>		

IF MORE SPACE IS NEEDED, USE BACK