

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>		PERMIT NUMBER
WELL NUMBER <u>234</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL DRILLING + SERV.</u>
DATE WELL COMPLETED <u>4-11-01</u>		

NAME & MAILING ADDRESS OF LANDOWNER
BUDDY WILLIAMS
WHEELER RD
HERNANDO, MS

WELL LOCATION SEC 58 TOWNSHIP 74 RANGE 18 W

DISTANCE 10 Miles DIRECTION S/W of NEAREST TOWN HERNANDO

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

Pump Capacity (GPM) <u>12</u>	No. of Stages <u>11</u>	Setting Depth <u>80</u> FT.
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PUMP TEST

Well yielded 20 GPM with
a drawdown of 4 ft.
after 1 hours of pumping

WELL DATA

Well Depth <u>142</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>132</u>
Type of Casing <u>PVC</u>	Hole Depth <u>142</u>	Depth to Static Water Level <u>58</u>

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

LOG DATA

TYPE OF LOG RUN (Circle One):
 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

SCREEN DATA

Diameter - Inches <u>4"</u>	Length - Feet <u>10</u>	Slot Size - Inches <u>14 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>142</u>	

Top of Lap Pipe or Reduction in Casing

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

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">JUN 05 2001</div> <div style="font-size: 0.8em; margin-top: 10px;">Dept. of Environmental Quality Office of Land & Water Resources</div>		
<u>WHITE CLAY</u>	<u>20</u>	<u>70</u>			
<u>GRAVEL + SAND</u>	<u>70</u>	<u>80</u>			
<u>WHITE CLAY</u>	<u>80</u>	<u>110</u>			
<u>WHITE SAND</u>	<u>110</u>	<u>142</u>			

IF MORE SPACE IS NEEDED, USE BACK