

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

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

COUNTRY WELL LOCATED <u>DE 3010</u>		PERMIT NUMBER
WELL NUMBER <u>157</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL</u> <u>Drill + Sew.</u>
<u>G-79</u>		
DATE WELL COMPLETED <u>7-12-00</u>		

NAME & MAILING ADDRESS OF LANDOWNER <u>Carl Nelson</u>			
<u>Arone Rd</u>			
<u>HERNANDO</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>J27</u>	<u>T2</u>	<u>R7E</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>5</u> Miles	<u>E</u>	of <u>HERNANDO</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u>			

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, <input type="checkbox"/> Butane, Other (Describe) <u>H/P 1 1/2</u>		
Pump Capacity (GPM) <u>20</u>	No. of Stages <u>14</u>	Setting Depth <u>150</u> FT.
PUMP TEST		
Well yielded <u>27</u> GPM with a drawdown of <u>4</u> ft. after <u>1</u> hours of pumping		

WELL DATA		
Well Depth <u>240</u>	Casing Diameter (in.) <u>4"</u>	Casing Length (Ft.) <u>200</u>
Type of Casing <u>PVC</u>	Hole Depth <u>240</u>	Depth to Static Water Level <u>100</u>

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> 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

WELL GROUTED TO A DEPTH OF 10 FEET
 Type Grout (circle one) Cement, Bentonite, or Mix

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

SCREEN DATA		
Diameter - inches <u>4"</u>	Length - Feet <u>20</u>	Slot Size - inches <u>14 T105</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>240</u>	

Drilling Remarks
RECEIVED
JAN 04 2001

Top of Lap Pipe or Reduction in Casing
 Dept. of Environmental Quality
 Office of E&L (If telescoped or more than one screen use back page)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>	<u>WHITE SAND</u>	<u>200</u> <u>240</u>
<u>YELLOW CLAY</u>	<u>10</u>	<u>60</u>		
<u>WHITE CLAY</u>	<u>60</u>	<u>90</u>		
<u>WHITE SAND + CLAY</u>	<u>90</u>	<u>300</u>		

IF MORE SPACE IS NEEDED, USE BACK