

M2#5 2145

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>DESOTO</u>		PERMIT NUMBER
WELL NUMBER <u>36</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL DRILLING & SERV.</u>
DATE WELL COMPLETED <u>5-8-99</u>		

NAME & MAILING ADDRESS OF LANDOWNER <u>Tim & Kim Jones</u> <u>Smith Rd</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>P-30</u>	<u>T-3N</u>	<u>R-6E</u>
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</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>3/4</u>		
Pump Capacity (GPM) <u>12</u>	No. of Stages <u>11</u>	Setting Depth <u>120</u> FT.
PUMP TEST		
Well yielded <u>12</u> GPM with a drawdown of <u>2</u> ft. after <u>2</u> hours of pumping		

Well Depth <u>156</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>146</u>
Type of Casing <u>PVC</u>	Hole Depth <u>156</u>	Depth to Static Water Level <u>100</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>WASHED SAND</u>		
WELL GROUTED TO A DEPTH OF <u>10</u> 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>156</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Brown Clay	0	20
Gravel	20	25
White Sand + Clay	25	100
White Sand	100	115
White Clay + Sand	115	130
White Sand	130	156

FORMATIONS (Continued)	FROM	TO
<p>RECEIVED</p> <p>JAN 07 1999</p> <p>Dept. of Environmental Quality Office of Land & Water Resources</p>		
IF MORE SPACE IS NEEDED, USE BACK		