

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>	
WELL NUMBER <u>700</u>	CODED
PERMIT NUMBER	
NAME OF DRILLING FIRM <u>Smith Well</u>	
DATE WELL COMPLETED <u>7-27-12</u>	
<u>Drill + Sew.</u>	

NAME & MAILING ADDRESS OF LANDOWNER <u>DAVID HOWEN</u> <u>ALPABIAN RD</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>P-29</u>	<u>7-3</u>	<u>N</u>	<u>R-6</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>6</u> Miles	<u>W</u>	of <u>COCKERM</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			

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>5</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>50</u>	<u>18</u>	<u>12</u> FT.
PUMP TEST		
Well yielded <u>75</u> GPM with a drawdown of <u>10</u> ft. after <u>2</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<u>160</u>	<u>4"</u>	<u>140</u>
Type of Casing	Howe Depth	Depth to Static Water Level
<u>PVC</u>	<u>160</u>	<u>89'</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>2</u> FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<u>4"</u>	<u>20</u>	<u>14 TIPS</u>
Screen Type	Depth to Bottom - Feet	
<u>PVC</u>	<u>160</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Quarter Test	Driller's Remarks	
RECEIVED			
JAN 05 2001			
Top of Lap Pipe or Reduction in Casing			
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>			
<u>SAND & GRAVEL</u>	<u>10</u>	<u>40</u>			
<u>WHITE CLAY + SAND</u>	<u>40</u>	<u>100</u>			
<u>WHITE SAND</u>	<u>100</u>	<u>160</u>			
IF MORE SPACE IS NEEDED, USE BACK					