

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>LAKE</u>	
WELL NUMBER <u>245</u>	CODED
CITY <u>CITRUS</u>	
DATE WELL COMPLETED <u>5-17-01</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL DRILLING SERV.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>DENNIS MURPHY</u>			
<u>LOT 34 WAREFIELD</u>			
<u>ESTATES INDEPENDENCE</u>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<u>D-24</u>	<u>T40</u>	<u>R6</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>5</u> Miles	<u>N/E</u>	<u>INDEPENDENCE</u>	
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) <u>H/P 34</u>		
Pump Capacity (GPM) <u>12</u>	No. of Stages <u>10</u>	Setting Depth <u>100</u> FT.
PUMP TEST		
Well yielded <u>15</u> GPM with a drawdown of <u>3</u> ft. after <u>1</u> hours of pumping		

WELL DATA		
Well Depth <u>260</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>240</u>
Type of Casing <u>PVC</u>	Hole Depth <u>260</u>	Depth to Static Water Level <u>80</u>

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, 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	Acquirer Test

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

Driller's Remarks <u>JUN 05 2001</u>
Top of Last Pipe or Reduction in Casing <u>FEET</u> TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE

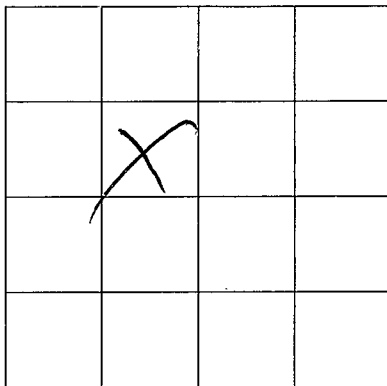
SCREEN DATA		
Diameter - inches <u>4"</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>1477005</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>260</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>	<u>GREY CLAY</u>	<u>135</u>	<u>155</u>
<u>RED CLAY</u>	<u>20</u>	<u>40</u>	<u>GREY + WHITE CLAY</u>	<u>155</u>	<u>160</u>
<u>RED CLAY + SAND</u>	<u>40</u>	<u>50</u>	<u>FINE WHITE SAND</u>	<u>160</u>	<u>230</u>
<u>SAND + PEA GRAVEL</u>	<u>50</u>	<u>120</u>	<u>WHITE SAND</u>	<u>230</u>	<u>260</u>
<u>WHITE + RED CLAY</u>	<u>120</u>	<u>130</u>			
<u>FINE SAND</u>	<u>130</u>	<u>135</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION D-24

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show location of each on sketch.