

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

COUNTY WELL LOCATED <i>Sunflower</i>	
WELL NUMBER <i>578</i>	CODED
DATE WELL COMPLETED <i>4-12-90</i>	

146DQ147C

PERMIT NUMBER
NAME OF DRILLING FIRM <i>Schultz Drilling</i>

CODED

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER <i>Dillard Farms</i>			
<i>Rt. 1 Box 251</i>			
<i>Helena MS</i>			
WELL LOCATION:	SEC <i>18</i>	TOWNSHIP <i>17</i>	RANGE <i>S 5</i>
DISTANCE <i>3 1/2</i> Miles	DIRECTION <i>E</i>	NEAREST TOWN <i>Bourbon</i>	
OTHER LANDMARK			
WELL PURPOSE: Home, <u>Irrigation</u> , Municipal, Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, <u>Diesel</u> , Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM) <i>3000</i>	No. of Stages <i>1</i>	Setting Depth <i>60</i> FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <i>107</i>	Casing Diameter (In.) <i>16 in</i>	Casing Length (Ft.) <i>67</i>
Type of Casing <i>Steel</i>	Hole Depth <i>107</i>	Depth to Static Water Level <i>22 ft</i>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing		
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, <u>No Log Run</u> , Other (Describe)	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <i>16</i>	Length - Feet <i>40 ft</i>	Slot Size - Inches <i>.050</i>
Screen Type <i>steel</i>	Depth to Bottom - Feet <i>107</i>	

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

Driller's Remarks
JUN 08 1990
Department of Natural Resources Bureau of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>clay</i>	<i>0</i>	<i>12</i>	<i>course sand p-g</i>	<i>70</i>	<i>80</i>
<i>sand</i>	<i>13</i>	<i>20</i>	<i>med to course sand</i>	<i>80</i>	<i>90</i>
<i>sand</i>	<i>20</i>	<i>30</i>	<i>med p-gravel</i>		
<i>med to small sand</i>	<i>30</i>	<i>40</i>	<i>p-gravel + gravel</i>	<i>90</i>	<i>100</i>
<i>med sand</i>	<i>40</i>	<i>45</i>	<i>med sand</i>	<i>100</i>	<i>107</i>
<i>fine sand</i>	<i>45</i>	<i>47</i>			
<i>small to med sand</i>	<i>47</i>	<i>50</i>			
<i>med sand</i>	<i>50</i>	<i>60</i>			
<i>med sand</i>	<i>60</i>	<i>63</i>			
<i>course sand med p-g</i>	<i>63</i>	<i>70</i>			
IF MORE SPACE IS NEEDED, USE BACK					

