

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

4-PR-1

COUNTY WELL LOCATED <i>Madison</i>		PERMIT NUMBER
WELL NUMBER <i>521</i>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <i>E.M. Bud CRESSWELL</i>
DATE WELL COMPLETED <i>Nov. 15, 1988</i>		<i>BENTONIA, MS.</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Max Tullios</i>		
<i>Flora, MS.</i>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<i>18</i>	<i>8 N</i>	<i>1 E</i>
DISTANCE <i>3</i> Miles	DIRECTION <i>EAST</i>	NEAREST TOWN <i>Flora</i>
OTHER LANDMARK Land development		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Land development</i>		

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)		
Pump Capacity (GPM) <i>40</i>	No. of Stages <i>22</i>	Setting Depth <i>336</i> FT.
PUMP TEST		
Well yielded <i>50</i> GPM with a drawdown of <i>1</i> ft. after <i>1</i> hours of pumping		

WELL DATA		
Well Depth <i>1160</i>	Casing Diameter (In.) <i>4 1/2" - 4" - 2"</i>	Casing Length (Ft.) <i>1120</i>
Type of Casing <i>Steel</i>	Hole Depth <i>1120</i>	Depth to Static Water Level <i>240</i>
TYPE OF COMPLETION: (Circle One or More): <u>Natural Development</u> Gravel Packed, Underreamed, Telescoped, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing <i>NA</i> FEET IF TELESCOPED OR MORE THAN ONE SCREEN; USE BACK PAGE.		

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

SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>40</i>	Slot Size - Inches <i>.010</i>
Screen Type <i>Stainless</i>	Depth to Bottom - Feet <i>1160</i>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <i>None</i>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Quaternary deposit</i>	<i>0</i>	<i>35</i>			
<i>Clay</i>	<i>35</i>	<i>370</i>			
<i>Maudin's Bank</i>	<i>370</i>	<i>400</i>			
<i>Sandy shale</i>	<i>400</i>	<i>550</i>			
<i>Sand</i>	<i>550</i>	<i>640</i>			
<i>Shale</i>	<i>640</i>	<i>700</i>			
<i>Sand</i>	<i>700</i>	<i>750</i>			
<i>Cook Mountain</i>	<i>750</i>	<i>950</i>			
<i>Sand</i>	<i>950</i>	<i>1020</i>			
<i>Shale</i>	<i>1020</i>	<i>1080</i>			
<i>Sand</i>	<i>1080</i>	<i>1160</i>			

RECEIVED

NOV 30 1988

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IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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