

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED <u>lauderdale</u>	
WELL NUMBER <u>R 2554</u>	CODED
DATE WELL COMPLETED <u>5-29-92</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>E-Z Drill Pump & Pipe.</u>
<u>John Nutt owner</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Sweet Georgia Grace</u> <u>RT 5</u> <u>Meridian Ms.</u>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<u>6</u>	<u>5</u> ^N _S	<u>15</u> ^E _W
DISTANCE	DIRECTION	NEAREST TOWN
<u>3</u> Miles	<u>South</u>	<u>Lost Gap</u>
OTHER LANDMARK <u>ON Pauldin Rd.</u>		
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>5</u>	No. of Stages <u>19</u>	Setting Depth <u>300'</u> FT.
PUMP TEST		
Well yielded <u>8</u> GPM with a drawdown of <u>10</u> ft. after <u>2</u> hours of pumping		

WELL DATA		
Well Depth <u>335</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>305</u>
Type of Casing <u>PVC</u>	Hole Depth <u>335</u>	Depth to Static Water Level <u>280'</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
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): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

GEOLOGIC DATA			
Surface Elev.	Unit	Unit Thickness	Top
Subs. SWL	Date <u>JUN 09 1992</u>	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches <u>4"</u>	Length - Feet <u>20'</u>	Slot Size - Inches <u>0.12</u>
Screen Type <u>Sawn</u>	Depth to Bottom - Feet <u>335</u>	

Driller's Remarks	
Dept. of Environmental Quality Bureau of Land & Water Resources	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>3</u>	<u>Greyish Green Clay & shale Rock</u>	<u>110</u>	<u>162</u>
<u>Red Clay</u>	<u>3</u>	<u>10</u>	<u>Grey w/Black Specks Sandy Clay</u>	<u>162</u>	<u>180</u>
<u>Red Sand</u>	<u>10</u>	<u>20</u>	<u>Brown Clay Lignite & sandy</u>	<u>180</u>	<u>190</u>
<u>Black Sand & White Clay</u>	<u>20</u>	<u>35</u>	<u>Sand Medium Clayish Light Brown</u>	<u>190</u>	<u>210</u>
<u>Black Sand</u>	<u>35</u>	<u>40</u>	<u>Light tan clay & Brown lignitic sandy</u>	<u>210</u>	<u>230</u>
<u>Black Sand & Green Clay</u>	<u>40</u>	<u>45</u>	<u>Coarse Sand & Clay</u>	<u>230</u>	<u>250</u>
<u>Dark Green Hard Clay</u>	<u>45</u>	<u>50</u>	<u>Clay & Coarse Sand</u>	<u>250</u>	<u>260</u>
<u>Light Green Rock & Shale</u>	<u>50</u>	<u>75</u>	<u>Coarse Sand, Black Coal, Clayey</u>	<u>260</u>	<u>270</u>
<u>White Coarse Sand</u>	<u>75</u>	<u>80</u>	<u>Medium Sand & Fine Sand</u>	<u>270</u>	<u>335</u>
<u>Brown & Yellow Clay & Green Clay</u>	<u>80</u>	<u>85</u>			
<u>Green & Yellow Clay & Shaly Clay</u>	<u>85</u>	<u>110</u>			
IF MORE SPACE IS NEEDED, USE BACK					