

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 <b>MARSHALL</b>	
WELL NUMBER <b>18 U29</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>5-20-99</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Mechan Well Co.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Carla Humphreys 90 New Spring Saw Shop West Bank Road New Spring MS</b>			
WELL LOCATION:	SEC <b>6</b>	TOWNSHIP <b>S</b>	RANGE <b>12 E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>3 1/2</b> Miles	<b>W</b>	<b>Potts Camp</b>	
OTHER LANDMARK <b>Kemper Hill Baptist Church</b>			
WELL PURPOSE: <input checked="" type="radio"/> Home, <input type="radio"/> Irrigation, <input type="radio"/> Municipal, <input type="radio"/> Industrial, <input type="radio"/> Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) H/P <b>3/4</b>		
Pump Capacity (GPM) <b>12</b>	No. of Stages	Setting Depth <b>180'</b> FT.
PUMP TEST		
Well yielded <b>12</b> GPM with a drawdown of <b>4</b> ft. after <b>6</b> hours of pumping		

WELL DATA		
Well Depth <b>860'</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Fl.) <b>480'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>483'</b>	Depth to Static Water Level <b>140'</b>
TYPE OF COMPLETION: (Circle One or More): <input type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input checked="" type="radio"/> Telescoped, <input type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe)		
WELL GROUTED TO A DEPTH OF <b>15</b> FEET Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or <input type="radio"/> Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="radio"/> No Log Run, <input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe)	
Name of Organization Running Log	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
<b>MAY 28 1999</b>			
Driller's Remarks <b>RIPLEY</b>			
<b>Dept of Environmental Quality Office of Land &amp; Water Resources</b>			
Top of Lap Pipe or Reduction in Casing			
FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

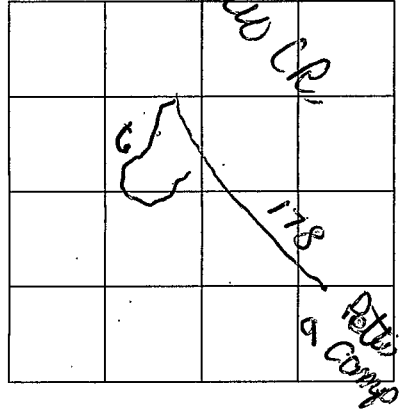
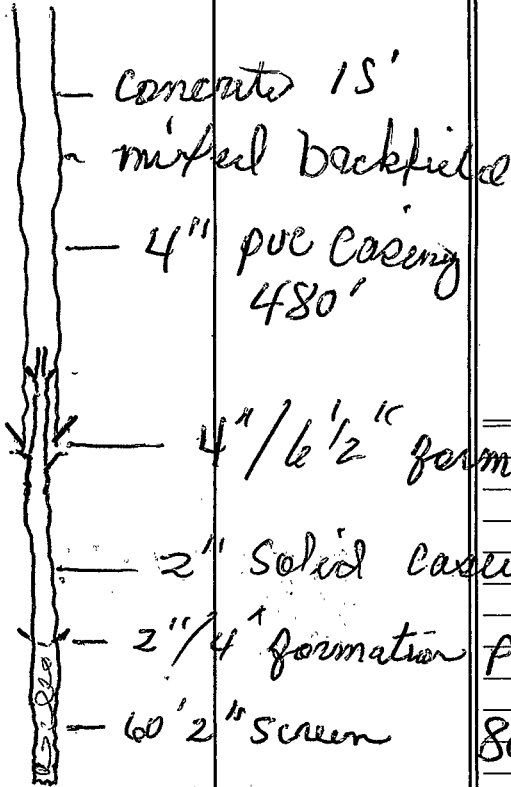
SCREEN DATA		
Diameter - Inches <b>2"</b>	Length - Feet <b>60</b>	Slot Size - Inches <b>13</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>800 to 860</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Top soil, clay</b>	<b>0</b>	<b>40</b>	<b>aquifer sand,</b>	<b>700</b>	<b>860</b>
<b>Clay, sand,</b>	<b>40</b>	<b>140</b>	<b>rock, little</b>		
<b>sand, shell rock</b>	<b>140</b>	<b>300</b>	<b>shell rock,</b>		
<b>Blue Clay.</b>	<b>300</b>	<b>550</b>			
<b>shell rock,</b>	<b>550</b>	<b>700</b>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 6

Please indicate well location X.

ADDITIONAL INFORMATION

480' to 800'

800' to 860'

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