

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>Waltham</u>	
WELL NUMBER <u>D 2078</u>	CODED
DATE WELL COMPLETED <u>4-18-97</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Patagonia Well</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Gavin Stewart</u> <u>RR Tyler town</u>			
WELL LOCATION:	SEC <u>14</u>	TOWNSHIP <u>3</u>	RANGE <u>11</u> <u>N</u> <u>E</u> <u>S</u> <u>W</u>
DISTANCE <u>3</u> Miles	DIRECTION <u>E</u>	NEAREST TOWN of <u>Salem</u>	
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="radio"/> Home Irrigation, Municipal, Industrial, Fish Pond, etc.			

PUMP DATA			
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>1/2</u>			
Pump Capacity (GPM) <u>12</u>	No. of Stages <u>9</u>	Setting Depth <u>80</u>	FT.
PUMP TEST			
Well yielded <u>50</u> GPM with a drawdown of <u>1</u> ft. after <u>1</u> hours of pumping			

WELL DATA		
Well Depth <u>100</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>90</u>
Type of Casing <u>PVC</u>	Hole Depth <u>100</u>	Depth to Static Water Level <u>44</u>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="radio"/> Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): Cement, Bentonite, <input checked="" type="radio"/> Mix		

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

SCREEN DATA		
Diameter - Inches <u>4 1/2</u>	Length - Feet <u>10</u>	Slot Size - Inches <u>0.12</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>100</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>5</u>
<u>Clay</u>	<u>5</u>	<u>30</u>
<u>Sand & gravel</u>	<u>30</u>	<u>50</u>
<u>Clay</u>	<u>50</u>	<u>70</u>
<u>Fine sand</u>	<u>70</u>	<u>90</u>
<u>Coarse sand</u>	<u>90</u>	<u>100</u>

FORMATIONS (Continued)		FROM	TO
RECEIVED			
SEP 15 1997			
Dept. of Environmental Quality Office of Land & Water Resources			
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.