

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

COUNTY WELL LOCATED <b>CLAY</b>	
WELL NUMBER <b>12 H 165</b>	CODED
<b>2-5-99</b>	
DATE WELL COMPLETED <b>2/5/99</b>	

PERMIT NUMBER <b>MSGW15384</b>
NAME OF DRILLING FIRM <b>Layne-Central,</b>
<b>Layne Christensen Company</b>

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER			
City of West Point			
P.O. Box 1117			
West Point, MS 39773			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	15	17 S	6 E
DISTANCE	DIRECTION	NEAREST TOWN	
0.2 Miles	East	of Hwy 45 Alt.	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			
Municipal			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <u>150</u>		
Pump Capacity (GPM)	No of Stages	Setting Depth
2400	3	180 FT.
PUMP TEST		
Well yielded <u>2920</u> GPM with		
a drawdown of <u>72</u> ft.		
after <u>24</u> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In)	Casing Length (Ft.)
1184'	20"	987'
Type of Casing	Hole Depth	Depth to Static Water Level
S.S.	1200'	63'8"
TYPE OF COMPLETION (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe)		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>Layne Geophysical Services</b>	

WELL GROUTED TO A DEPTH OF <u>987</u> FEET
Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
12"	150'	.035
Screen Type	Depth to Bottom - Feet	
Stainless Steel	1184'	

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	FORMATIONS (Continued)	FROM	TO
Clay	0	25	Hard Shale	453	475
Cemented Sand	25	33	Sandy Shale	475	500
Clay	33	102	Shale with Sand-Clay		
Limestone	102	182	Streaks	500	585
Sandy Shale	182	290	Hard Shale	585	615
Sand with Shale Streaks	290	312	Sandy Shale	615	623
Sandy Shale	312	374	Hard Shale	623	637
Rock	374	375	Snad with Shale Stks.	637	685
Sandy Shale	375	395	Sandy Shale	685	730
Sand with Shale Streaks	395	412	Clay	730	750
Sandy Shale	412	453	IF MORE SPACE IS NEEDED, USE BACK	OVER	=====