

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

COUNTY WELL LOCATED <b>SUNFLOWER</b>	
WELL NUMBER <b>R 196</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>11/05/97</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>LAYNE-CENTRAL, a division of</b> <b>Layne Christensen Company</b>

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

NAME & MAILING ADDRESS OF LANDOWNER <b>ALLEN CANNING COMPANY</b>		
P.O. BOX 260		
SILOAM, SPRINGS, AR 72761		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>2-10</b>	<b>18</b>	<b>N 3 W</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>1/4</b> Miles	<b>EAST</b> of	<b>MOORHEAD</b>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, <u>Industrial</u> , Fish Pond, etc. <b>INDUSTRIAL</b>		

<b>PUMP DATA</b>		
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 _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>1400</b>	<b>4</b>	<b>100 FT.</b>
PUMP TEST		
Well yielded <b>1413</b> GPM with a drawdown of <b>46</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>1466'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Ft.) <b>1382'</b>
Type of Casing <b>STEEL</b>	Hole Depth <b>1468'</b>	Depth to Static Water Level <b>16'</b>
TYPE OF COMPLETION (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>1382 FEET</b> Type Grout (circle one) <u>Cement</u> , Bentonite, or Mix		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>MS DEPT. OF ENVIRONMENTAL QUALITY</b>	

<b>SCREEN DATA</b>		
Diameter - Inches <b>10"</b>	Length - Feet <b>70'</b>	Slot Size - Inches <b>.025</b>
Screen Type <b>STAINLESS STEEL</b>	Depth to Bottom - Feet <b>1466'</b>	

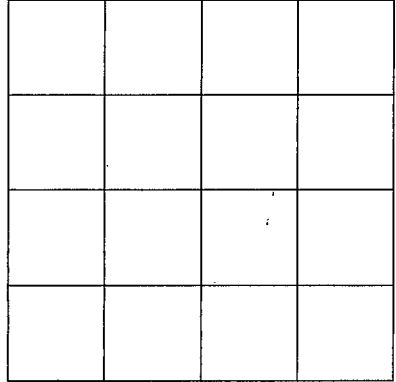
<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>05-26-98A09:26 RCVD</b>			
Top of Lap Pipe or Reduction in Casing <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	38	Clay	740	807
Coarse Sand	38	65	Clay & Sand Streaks	807	831
Coarse Sand & Pea Grav.	65	152	Rock	831	834
Clay & Sand Streaks	152	310	Clay	834	840
Sand	310	385	Rock	840	842
Sand & Clay Streaks	385	450	Clay	842	855
Clay	450	625	Rock	855	856
Sandy Clay	625	660	Clay	856	860
Sand	660	680	Rock	860	861
Hard Clay	680	710	Clay	861	865
Sandy Clay	710	740			

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		
Sandy Green Shale	865	915
Rock	915	916
Sandy Green Shale	916	940
Rock	940	941
Sandy Shale, and Rock Streaks	941	1112
Sand and Clay Stks.	1112	1174
Rock	1174	1176
Sand	1176	1205
Rock	1205	1206
Sandy Shale	1206	1245
Hard Shale	1245	1300
Clay	1300	1324
Sandy Shale	1324	1369
Sand	1369	1460
Clay	1460	1468

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