

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	
Sunflower	
WELL NUMBER F-100	CODED
DATE WELL COMPLETED 10/9/00	

33-44-01 96-36-10

PERMIT NUMBER
NAME OF DRILLING FIRM Layne-Central, a division of Layne
Christensen Company

NAME & MAILING ADDRESS OF LANDOWNER			
Knowles Planation c/o 285 German Oak Drive, Suite 3 Cordova, TN 38018			
WELL LOCATION SW/NW	SEC. 34	TOWNSHIP 22	RANGE <input checked="" type="checkbox"/> N <input type="checkbox"/> S <input checked="" type="checkbox"/> E <input type="checkbox"/> W
DISTANCE 3 Miles	DIRECTION East of		NEAREST TOWN Ruleville
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Irrigation			

PUMP DATA		
PUMP TYPE (Check One): <i>Pump was installed by others</i>		
<input type="checkbox"/> Submersible	<input type="checkbox"/> Turbine	<input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well
<input type="checkbox"/> Other (Describe) _____		
POWER TYPE (Check One):		
<input type="checkbox"/> Electric	<input type="checkbox"/> Tractor	<input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane
<input type="checkbox"/> Other (Describe) _____ H/P _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth _____ FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth 122'	Casing Diameter (in) 16"	Casing Length (Ft.) 72'
Type of Casing PVC	Hole Depth 123'	Depth to Static Water Level Not Checked by Drill Crew
TYPE OF COMPLETION (Check One or More)		
<input checked="" type="checkbox"/> Gravel Packé	<input type="checkbox"/> Underreamed	<input type="checkbox"/> Telescoped
<input type="checkbox"/> Natural Development (Describe) _____	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Other
WELL GROUTED TO A DEPTH OF 10 FEET		
Type of Grout (Check One) <input checked="" type="checkbox"/> Cement <input type="checkbox"/> Bentonite or <input type="checkbox"/> Mix		

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

SCREEN DATA		
Diameter - inches 16"	Length - feet 50'	Slot Size - inches .050
Screen Type PVC	Depth to Bottom - Feet 122'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Adjuster 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	FORMATIONS (Continued)	FROM	TO
Clay	0	33			
Coarse Sand	33	43			
Coarse Sand - Pea Gravel	43	53			
Coarse Sand - Borderline Sand	53	63			
Coarse Sand	63	103			
Coarse Sand - Pea Gravel	103	123			
REC'D MAY 21 2001					
IF MORE SPACE IS NEEDED, USE BACK					

