

COUNTY WELL LOCATED  
**Bolivar**

WELL NUMBER  
**1**

**E-129**

DATE WELL COMPLETED  
**11/17/99**

MISSISSIPPI DEPARTMENT OF LAND AND WATER RESOURCES  
**Office of Land and Water Resources**

PERMIT NUMBER  
**GW15697**

NAME OF DRILLING FIRM  
**Layne-Central, a div. of**

**Layne Christensen Company**

**RECEIVED**

**DEC 08 2000**

P.O. Box 104  
Jackson, MS 39289-063

**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER  
**North Bolivar Co. Water Assn.**

**c/o Glenn Williams, Attorney**  
**P.O. Box 4**

**Shelby, MS 38774**

WELL LOCATION    SEC    TOWNSHIP    RANGE  
**29    24    N    5    W**

DISTANCE    DIRECTION    NEAREST TOWN  
**1    Miles    East    of    Winstonville**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Municipal**

**Office of Land and Water Resources**

PUMP TYPE (Circle One):  
Submersible, Turbine, Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe)    H/P **20**

Pump Capacity (GPM)    No. of Stages    Setting Depth  
**306    8    100    FT.**

PUMP TEST  
Well yielded **306** GPM with a drawdown of **21** ft. after **24** hours of pumping

**WELL DATA**

Well Depth <b>1524'</b>	Casing Diameter (in) <b>10"</b>	Casing Length (ft.) <b>1475'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1551'</b>	Depth to Static Water Level <b>35'9"</b>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)

WELL GROUTED TO A DEPTH OF **1475 FEET**  
Type Grout (circle one): Cement, Bentonite, or Mix

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log  
**Layne Geophysical Services**

**SCREEN DATA**

Diameter - inches <b>6"</b>	Length - Feet <b>40'</b>	Slot Size - inches <b>.030</b>
Screen Type <b>SST</b>	Depth to Bottom - Feet <b>1524'</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks  
**Meridian upper Welcox aquifer**

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	15	Clay	501	567
Sand	15	40	Rock	567	568
Coarse Sand	40	95	Clay with Sand Streaks	568	620
Coarse Sand & Pea Grav	95	112	Sand	620	669
Gravel	112	135	Clay with Lignite & Sand Streaks	669	705
Sandy Shale	135	151	Sand with Lignite & Clay Streaks	705	862
Clay with Sand Streaks	151	177	Clay with Lignite & Sand Streaks	862	961
Sand with Lignite & Clay Streaks	177	318			
Clay	318	329			
Sand with Lignite & Clay Streaks	329	501			

*Bob Ely*  
*662-846-0180*