

F-158

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Office of Land and Water Resources

COUNTY WELL LOCATED  
**HUMPHREYS**

WELL NUMBER **1** CODED

DATE WELL COMPLETED  
**8/28/98**

PERMIT NUMBER  
**GW-15423**

NAME OF DRILLING FIRM  
**LAYNE-CENTRAL, a division of**  
**Layne Christensen Company**

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

NAME & MAILING ADDRESS OF LANDOWNER  
**TOWN OF SILVER CITY**  
**P.O. BOX 65**  
**SILVER CITY, MS 39166**

WELL LOCATION SEC **234** TOWNSHIP **14** N RANGE **3** W

DISTANCE IN TOWN \_\_\_\_\_ DIRECTION \_\_\_\_\_ NEAREST TOWN \_\_\_\_\_

OTHER LANDMARK  
**East Well**

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

PUMP DATA

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

POWER TYPE (Circle One):  
 Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P **30**

Pump Capacity (GPM) **300** No. of Stages **5** Setting Depth **100** FT.

PUMP TEST  
Well yielded **NOT TESTED** GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

WELL DATA

Well Depth <b>1054'</b>	Casing Diameter (In.) <b>12"</b>	Casing Length (Ft.) <b>996'</b>
Type of Casing <b>STEEL</b>	Hole Depth <b>1066'</b>	Depth to Static Water Level <b>36'</b>

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

WELL GROUTED TO A DEPTH OF **996** 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 GEOSCIENCES, INC.**

SCREEN DATA

Diameter - inches <b>8"</b>	Length - Feet <b>60</b>	Slot Size - inches <b>.025</b>
Screen Type <b>STAINLESS STEEL</b>	Depth to Bottom - Feet <b>1054'</b>	

RECEIVED

Driller's Remarks **JAN 04 1999**

Dept. of Environmental Quality  
Office of Land & Water Resources

Top of Log \_\_\_\_\_ FEET IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	28	Sandy shale & lignite	275	300
Soft shale	28	42	Sand & lignite	300	413
Sand & shale	42	69	Sandy shale	413	440
Coarse sand	69	153	Hard shale & sand stks	440	485
Gravel & coarse sand	153	182	Sand & soft shale	485	510
Rock	182	183	Shale	510	525
Gravel	183	220	Sandy shale	525	540
Sandy shale	220	225	Shale	540	608
Hard shale	225	240	Sand	608	800
Sandy shale	240	250	Shale & sand	800	825
Hard shale & lignite	250	275	IF MORE SPACE IS NEEDED, USE BACK	Continued...	