

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
Lamar

WELL NUMBER **1 E 233** CODED

DATE WELL COMPLETED
6/7/95

PERMIT NUMBER
MSGW-14770

NAME OF DRILLING FIRM
Layne Central

Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER
Arnold Line Water Assoc.

305 West Ray Drive

Hattiesburg, MS

WELL LOCATION SEC **16** TOWNSHIP **4** RANGE **14**

DISTANCE _____ DIRECTION _____ NEAREST TOWN _____

Miles _____ of _____

OTHER LANDMARK
Off Hwy 98 on Sandy Run Road at Ball Field

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Rural Water Association

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 **100**

Pump Capacity (GPM)	No. of Stages	Setting Depth
500	11	360 FT.

PUMP TEST

Well yielded **513** GPM with
a drawdown of **87.5** ft.
after **24** hours of pumping

WELL DATA

Well Depth 1166'	Casing Diameter (In.) 12"	Casing Length (Ft.) 1120'
Type of Casing Welded Steel	Hole Depth 1166'	Depth to Static Water Level 231'

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

WELL GROUTED TO A DEPTH OF **1042 FEET**
Type Grout (circle one) **Cement**, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, **Gamma Ray**, No Log Run,
Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log
Layne Central

SCREEN DATA

Diameter - Inches 8"	Length - Feet 35'	Slot Size - Inches .025
Screen Type Stainless Steel	Depth to Bottom - Feet 1166'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

Top of Lap Pipe or Reduction in Casing
1042' FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Sand & Gravel	0	10	Sand & Hard Clay Strks	780 890
Sand	10	40	Sand	890 910
Yellow Clay	40	130	Clay & Sand Streaks	910 1003
Blue Shale	130	150	Clay & Lime Streaks	1003 1165
Blue Clay	150	200	Hard Clay & Sand Strks	1165 1240
Shale	200	320	Rock	1240 1242
Sand & Pea Gravel	320	450	Hard Clay & Rock Strks	1242 1300
Sand, Gravel & Clay	450	585	Clay	1300 1340
Sand & Clay Streaks	585	700	Clay & Sand Streaks	1340 1390
Clay	700	753	Hard Lime	1390 1414
Sand & Clay Streaks	753	780		

IF MORE SPACE IS NEEDED, USE BACK