

COUNTY WELL LOCATED
Madison

WELL NUMBER **7** CODED

W 79

DATE WELL COMPLETED
1-15-96

GW 14912

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

PERMIT NUMBER
45-0002-04

NAME OF DRILLING FIRM
Layne Central

Jackson, ms.

NAME & MAILING ADDRESS OF LANDOWNER
Bear Creek Water Assoc.

P.O. Box 328

Canton, ms. 39046

WELL LOCATION: SEC **1** TOWNSHIP **7** RANGE **2**

DISTANCE **4** Miles DIRECTION **NE** of NEAREST TOWN **Madison**

OTHER LANDMARK
Church Road S. of Old Canton

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

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 _____

Pump Capacity (GPM) **1594** No. of Stages _____ Setting Depth _____ FT.

PUMP TEST

Well yielded **1044** GPM with
a drawdown of **35' 1"** ft.
after **25** hours of pumping

WELL DATA

Well Depth 1240	Casing Diameter (In.) 16"	Casing Length (Ft.) 1150
Type of Casings/ Steel	Hole Depth 265	Depth to Static Water Level 265

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

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

WELL GROUTED TO A DEPTH OF **1150** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches 10"	Length - Feet 80'	Slot Size - Inches .025
Screen Type S.S. Rod Base	Depth to Bottom - Feet 1240	

Driller's Remarks
111 03 1996

Top of Last Section in Casing
Office of Land and Water Resources

FEET ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	20	20	Sand	1248	100
Sand + Gravel	25	5	Clay + shale streaks	1254	6
Blue Clay	315	290	Sand	1268	14
Sand shale + Lignite	410	95	Sandy Clay + shale	1300	32
Sand + Clay streaks	685	275			
Hard Clay	758	73			
Clay + shale streaks	840	82			
Sandy shale	940	100			
Sand shale + Lignite Strks	1110	170			
Hard shale	1130	20			
Hard shale + Sandy clay	1148	18			

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

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