MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources
P. O. Box 10631
Jackson, MS 39289-0631

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Dept. of Environmental Quality
Office of Land & Water Resources

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED: Lauderdale
WELL NUMBER: N137 | CODED:
PERMIT NUMBER: MS-GW-15240
NAME OF DRILLING FIRM: Layne-Central
DATE WELL COMPLETED: 10/15/97
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER
Long Creek Water Association
4695 Long Creek Water Road
Meridian, MS 39301

WELL LOCATION: SE SW | SEC: 36 | TOWNSHIP: 6 N/S | RANGE: 16 E/W
DISTANCE: 4 Miles | DIRECTION: South | NEAREST TOWN: Meridian
OTHER LANDMARK: Long Creek Cut Off Road
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 75

Pump Capacity (GPM)	No. of Stages	Setting Depth
400	9	420 FT.

PUMP TEST: Well yielded 400 GPM with a drawdown of 34 ft. after 8 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
950'	12"	870'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	950'	295

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

WELL GROUTED TO A DEPTH OF 870 FEET
Type Grout (circle one): (Cement), Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, (Electric), (Gamma Ray), Density, Sonic, Neutron, Other (Describe)
Name of Organization Running Log: Layne-Central

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8	50	20

Screen Type	Depth to Bottom - Feet
SS Rod Base	945

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks: ≈ 530' Site Elevation

Top of Lap Pipe or Reduction in Casing: 790 FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red Sand	0	35
Clay/Streaks of Sand	35	110
Clay	110	230
Sand & Shale	230	310
Black Clay	310	400
Rock	400	403
Shale	403	495
Fine Sand	495	580
Shale	580	610

FORMATIONS (Continued)	FROM	TO
Rock	610	612
Shale	612	665
Rock	665	668
Hard Shale	668	745
Shale	745	875
Fine Sand/Streaks of Shale	875	950

IF MORE SPACE IS NEEDED USE BACK