

Lat 333030/Long 901937

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
Leflore

WELL NUMBER 1 CODED

DATE WELL COMPLETED
9/15/98

elev. 124

PERMIT NUMBER
GW 15450

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
City of Itta Bena
P.O. Box 563
Itta Bena, MS 38941

WELL LOCATION: SEC 20 TOWNSHIP 19 RANGE 1 N W

DISTANCE North @ Indus. Park in Itta Bena DIRECTION West of NEAREST TOWN

OTHER LANDMARK
At new elevated tank.

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 40

Pump Capacity (GPM) 400 No. of Stages 6 Setting Depth 120 FT.

PUMP TEST
Well yielded 400 GPM with a drawdown of 30 ft. after 24 hours of pumping

WELL DATA

Well Depth 1089'	Casing Diameter (In.) 12"	Casing Length (Ft.) 1041'
Type of Casing Steel	Hole Depth 1175'	Depth to Static Water Level 31.16'

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

WELL GROUTED TO A DEPTH OF 1041 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 Geosciences

SCREEN DATA

Diameter - Inches 8"	Length - Feet 40'	Slot Size - Inches .030
Screen Type Stainless Steel	Depth to Bottom - Feet 1089'	

GEOLOGIC DATA (Office Use Only)

Surface Elev. 529	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date FEB 08 1999	Analysis	Aquifer Test

Driller's Remarks
**Dept. of Environmental Quality
Office of Land & Water Resources**

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	22	Sand and Shale Stks.	370	545
Fine Sand	22	44	Rock	545	546
Coarse Sand	44	80	Shale & Sand Streaks	546	910
Coarse Sand & Pea Grav	80	116	Coarse Sand	910	940
Coarse Sand & Gravel	116	146	Sand & Shale	940	1055
Clay	146	150	Shale & Sand Streaks	1055	1090
Fine Sand, Clay Stks, and Lignite	150	188	Sand	1090	1170
Clay	188	250	Shale & Sand	1170	1175
Clay & Sand Streaks	250	339			
Sandy Clay & Shale	339	370			

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.