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	Clay
WELL NUMBER	13 H164
CODED	11-19-99
DATE WELL COMPLETED	11/19/99
PERMIT NUMBER	15385
NAME OF DRILLING FIRM	Layne-Central, a div. of Layne Christensen Company

NAME & MAILING ADDRESS OF LANDOWNER

City of West Point
P.O. Box 1117
West Point, MS 39773

WELL LOCATION	SEC	TOWNSHIP	RANGE
	15	17 S	6 E

DISTANCE	DIRECTION	NEAREST TOWN
0.3 Miles	East of	Hwy 45 Alt.

OTHER LANDMARK

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 150

Pump Capacity (GPM)	No of Stages	Setting Depth
2400	3	200 FT.

PUMP TEST

Well yielded 2800 GPM with a drawdown of 74 ft. after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (in)	Casing Length (Ft)
1184'	20"	1025'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1219'	62'4"

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

WELL GROUTED TO A DEPTH OF 1025 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 Geophysical Services

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
12"	150'	.035

Screen Type	Depth to Bottom - Feet
Stainless Steel	1184'

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 ______ FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	22
Cemented Sand	22	32
Clay	32	106
Limestone	106	185
Sandy Shale	185	290
Sand with Shale Streaks	290	315
Sandy Shale	315	343
Sand with Shale Streaks	343	365
Sandy Shale	365	420
Shale	420	435
Sand with Shale Streaks	435	518

FORMATIONS (Continued)	FROM	TO
Shale	518	535
Sand with Shale Stks.	535	595
Shale	595	612
Sand & Shale	612	635
Shale	635	650
Sand with Shale Stks.	650	658
Sandy Shale	658	700
Sand w/ Shale & Gravel	[illegible]	[illegible]
Streaks	700	725
Clay	725	740
IF MORE SPACE IS NEEDED, USE BACK	OVER	=====