

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
Warren

WELL NUMBER 2 ~~231~~ CODED

L46

DATE WELL COMPLETED
Aug 16, 1994

PERMIT NUMBER
MSGW 14859

NAME OF DRILLING FIRM
Layne-Central Co.,
A Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
Culkin Water District
2681 Sherman Ave.
Vicksburg, MS 39180

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 _____

WELL LOCATION SEC TOWNSHIP RANGE
NE NW 36 19 N 5 E

Pump Capacity (GPM) No. of Stages Setting Depth
708 5 280' FT.

DISTANCE DIRECTION NEAREST TOWN
1 1/2 Miles East of well #1

PUMP TEST

Well yielded 708 GPM with
a drawdown of 60' ft.
after 8 hours of pumping

OTHER LANDMARK
SW 1/4 of SW 1/4, 1 1/2 miles East of Treatment Plant

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

WELL DATA

Well Depth 1340' Casing Diameter (In.) 16 Casing Length (Ft.) 1235

Type of Casing steel Hole Depth 1340 Depth to Static Water Level 140'

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 Co.

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

GEOLOGIC DATA (Office Use Only)

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

WELL GROUTED TO A DEPTH OF 1235 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - Inches 8 Length - Feet 65 Slot Size - Inches 14

Screen Type Stainless Steel W.W. Depth to Bottom - Feet 1340'

Driller's Remarks
JAN 09 1995
Dept. of Environmental Quality
Office of Land & Water Resources

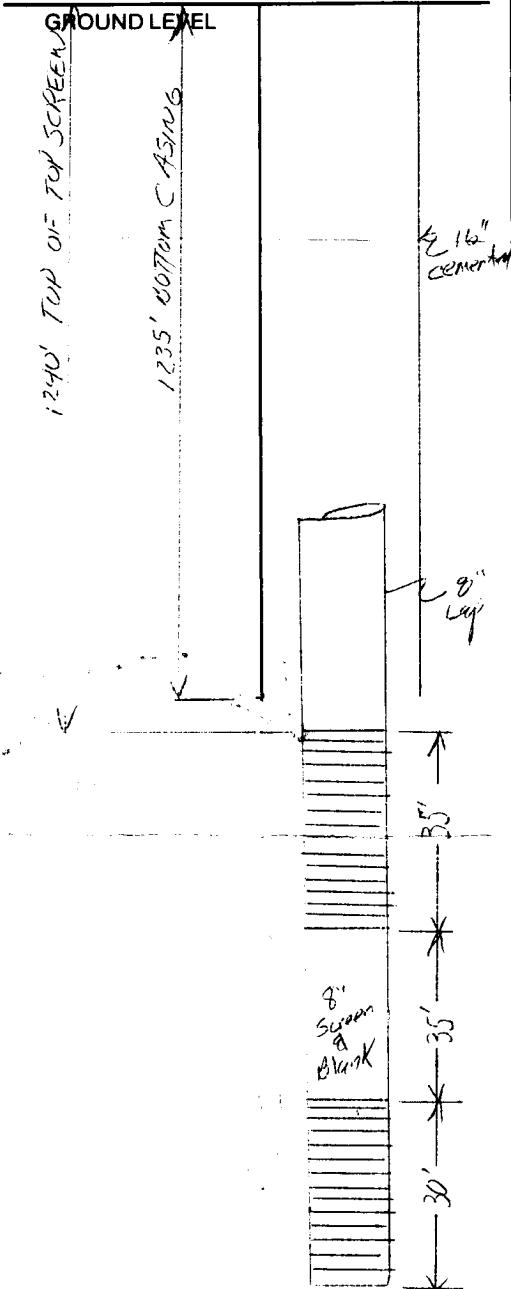
Top of Lap Pipe or Reduction in Casing
1176' FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Sandy Brown Clay</u>	<u>0'</u>	<u>30'</u>	<u>Clay and Sand Streaks</u>	<u>960'</u>	<u>1200'</u>
<u>Blue Clay</u>	<u>30'</u>	<u>45'</u>	<u>Fine Sand and Clay</u>	<u>1200'</u>	<u>1232'</u>
<u>White and Brown Clay</u>	<u>45'</u>	<u>60'</u>	<u>Sand</u>	<u>1232'</u>	<u>1278'</u>
<u>Blue Clay</u>	<u>60'</u>	<u>76'</u>	<u>Fine Sand, Clay, and Lignite</u>	<u>1278'</u>	<u>1300'</u>
<u>Rock</u>	<u>76'</u>	<u>77'</u>	<u>Sand</u>	<u>1300'</u>	<u>1330'</u>
<u>Clay</u>	<u>77'</u>	<u>126'</u>	<u>Clay</u>	<u>1330'</u>	<u>1360'</u>
<u>Hard Lime</u>	<u>126'</u>	<u>140'</u>			
<u>Clay</u>	<u>140'</u>	<u>780'</u>			
<u>Fine Sand and Clay</u>	<u>780'</u>	<u>822'</u>			
<u>Sandy Clay</u>	<u>822'</u>	<u>900'</u>			
<u>Clay</u>	<u>900'</u>	<u>960'</u>			

IF MORE SPACE IS NEEDED USE BACK

If well telescopes please sketch and show depths.



X			

SECTION 36

Please indicate well location X.

ADDITIONAL INFORMATION

SPLIT SCREEN

BOTTOM CASING 1235

TOP-TOP SCREEN 1240

BOT of TOP SCREEN 1275

TOP of BOT SCREEN 1310

BOT of BOT SCREEN 1340

65 LF of 8" Screen

Coated Casing & Lap

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