

DNR

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
Wayne

WELL NUMBER *31* CODED

DATE WELL COMPLETED
Nov 27, 1994

PERMIT NUMBER *14765*

NAME OF DRILLING FIRM
A-1 Drilling Service

Laurel, Ms

NAME & MAILING ADDRESS OF LANDOWNER
S.W. Wayne Water Assn.

P.O. Box 195

Clara, MS 39324

WELL LOCATION: SEC *7* TOWNSHIP *N 9 W* RANGE *9*

DISTANCE _____ DIRECTION _____ NEAREST TOWN _____

Miles _____ of _____

OTHER LANDMARK _____

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) *30* H/P *230V 3ph*

Pump Capacity (GPM) *244'* No. of Stages *12* Setting Depth _____ FT.

PUMP TEST

Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping

WELL DATA *G.L.*

Well Depth *620'* Casing Diameter (In.) *8"* Casing Length (Ft.) *546*

Type of Casing *sch. 40 steel* Hole Depth *620* Depth to Static Water Level *103'*

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

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log
Bureau of Geology

WELL GROUTED TO A DEPTH OF *546* 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	Adulter Test

Driller's Remarks *DEC 08 1994*

Dept. of Environmental Quality
Office of Land & Water Resources

SCREEN DATA

Diameter - Inches *4"* Length - Feet *70'* Slot Size - Inches *.007*

Screen Type *Bar weld stainless* Depth to Bottom - Feet *620*

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Top Soil</i>	<i>0</i>	<i>1</i>	<i>Sand & clay mixed</i>	<i>291</i>	<i>303</i>
<i>Red clay</i>	<i>1</i>	<i>7</i>	<i>gray clay</i>	<i>303</i>	<i>364</i>
<i>light gray clay</i>	<i>7</i>	<i>16</i>	<i>sandy clay</i>	<i>369</i>	<i>376</i>
<i>Sandy clay</i>	<i>16</i>	<i>21</i>	<i>Sand</i>	<i>376</i>	<i>434</i>
<i>Sand</i>	<i>21</i>	<i>47</i>	<i>Clay, sandy</i>	<i>434</i>	<i>445</i>
<i>Tan clay</i>	<i>47</i>	<i>58</i>	<i>Clay gray-green</i>	<i>445</i>	<i>548</i>
<i>light gray clay</i>	<i>58</i>	<i>69</i>	<i>Sand</i>	<i>548</i>	<i>619</i>
<i>gray-blue clay</i>	<i>69</i>	<i>76</i>	<i>Clay</i>	<i>619</i>	<i>620</i>
<i>gray-green clay</i>	<i>76</i>	<i>129</i>			
<i>Sandy gray clay</i>	<i>129</i>	<i>148</i>			
<i>Sand & pea gravel</i>	<i>148</i>	<i>291</i>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

SWL-103'

28" ID
B1 T&C casing

Sand pack
around
inner casing

4" B1 T&C inner casing x 80'

546'

4" x-tra heavy SCS x 70' x .007"

4" Backwash valve 4"

X			

SECTION 34

Please indicate well location X.

ADDITIONAL INFORMATION

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