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	RANKIN
WELL NUMBER	NEW K201
CODED	✓
PERMIT NUMBER	MSGW 15339
NAME OF DRILLING FIRM	GRINER DRILLING SERVICE
DATE WELL COMPLETED	1-24-00

NAME & MAILING ADDRESS OF LANDOWNER

MISSISSIPPI STATE HOSPITAL

P. O. BOX 157-A

WHITFIELD, MS 39193

WELL LOCATION: SEC 27 TOWNSHIP 05 (N) S RANGE 02 (E) W

DISTANCE .2 Miles DIRECTION EAST of NEAREST TOWN WHITFIELD

OTHER LANDMARK

BY 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 _____

Pump Capacity (GPM)	No. of Stages	Setting Depth
1000	7	437 FT.

PUMP TEST

Well yielded 1000 GPM with a drawdown of 114.39 ft. after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1345	16	1275

Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1515	262.51

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

WELL GROUTED TO A DEPTH OF 1275 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

GRINER DRILLING SERVICE, INC.

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

2 FT. STICK UP ABOVE GROUND LEVEL

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
10	60	0.016

Screen Type	Depth to Bottom - Feet
ROD BASE	1345

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	40			
SAND W/CLAY STREAKS	40	115			
CLAY W/SAND STREAKS	115	715			
SAND	715	835			
CLAY W/SAND STREAKS	835	1205			
SAND W/CLAY STREAKS	1205	1430			
CLAY	1430	1515			
			IF MORE SPACE IS NEEDED, USE BACK		