

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 DESOTO		PERMIT NUMBER
WELL NUMBER 98	CODED	NAME OF DRILLING FIRM SMITH WELL DRILLING + SERV.
DATE WELL COMPLETED 10-6-99		

NAME & MAILING ADDRESS OF LANDOWNER
MIKE DILL
COLLEGE RD
OLIVE BRANCH, MS

WELL LOCATION	SEC	TOWNSHIP	RANGE
	K-11	T-20	R-16
DISTANCE 5 Miles	DIRECTION S	NEAREST TOWN OLIVE BRANCH	

OTHER LANDMARK

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

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 **1/2**

Pump Capacity (GPM)	No of Stages	Setting Depth
20	16	190' FT.

PUMP TEST

Well yielded **30** GPM with
a drawdown of **5** ft.
after **1** hours of pumping

WELL DATA

Well Depth 270	Casing Diameter (In.) 4"	Casing Length (Ft.) 250
Type of Casing PVC	Hole Depth 270	Depth to Static Water Level 100'

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

WELL GROUTED TO A DEPTH OF **10** 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

SCREEN DATA

Diameter - inches 4"	Length - Feet 20'	Slot Size - inches 14 TUBS
Screen Type PVC	Depth to Bottom - Feet 270	

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	FORMATIONS (Continued)	FROM	TO
TOP SOIL	0	20			
P20 SAND + GRAVEL	20	60			
GRAY CLAY	60	120			
WHITE SAND	120	155			
WHITE CLAY SAND	155	250			
WHITE SAND	250	270			

IF MORE SPACE IS NEEDED, USE BACK