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	
WELL NUMBER: 114	CODED
K 2091	
DATE WELL COMPLETED: 11-9-99	
PERMIT NUMBER	
NAME OF DRILLING FIRM: SMITH WELL DRILLING + SERVICE	

NAME & MAILING ADDRESS OF LANDOWNER: KENNY ROBERTS, WHEELER RD

WELL LOCATION SEC	TOWNSHIP	RANGE
R-8	T4 (N/S)	R8 (E/W)

DISTANCE	DIRECTION	NEAREST TOWN
9 Miles	S/W of	HERNANDO

OTHER LANDMARK:

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

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 34

Pump Capacity (GPM)	No of Stages	Setting Depth
12	12	100 FT.

PUMP TEST

Well yielded 12 GPM with a drawdown of 4 ft. after 1 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
143	4"	133

Type of Casing	Hole Depth	Depth to Static Water Level
PVC	143	80'

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

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
4"	10'	14 TINUS

Screen Type	Depth to Bottom - Feet
PVC	143

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
TOP SOIL	0	20
RED SAND + GRAVEL	20	60
WHITE CLAY + SAND	60	100
WHITE SAND	100	143
GREY CLAY	143	

FORMATIONS (Continued)	FROM	TO
IF MORE SPACE IS NEEDED, USE BACK		