

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
512

CODED
V-2108

DATE WELL COMPLETED
12-10-01

PERMIT NUMBER

NAME OF DRILLING FIRM
SMITH WELLS DRILLING & SERVICE

NAME & MAILING ADDRESS OF LANDOWNER
FRED ROBERTS
HWY 51 N
HEWLAND, MS 38632

WELL LOCATION SEC TOWNSHIP RANGE
N-1 T-3 R-8 E

DISTANCE DIRECTION NEAREST TOWN
3 Miles N of HEWLAND

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)

Pump Capacity (GPM) No. of Stages Setting Depth
30 15 120 FT.

PUMP TEST
Well yielded 32 GPM with a drawdown of 7 ft. after 1 hours of pumping

WELL DATA

Well Depth <u>150</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>130</u>
Type of Casing <u>PVC</u>	Hole Depth <u>150</u>	Depth to Static Water Level <u>95</u>

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

SCREEN DATA

Diameter - Inches <u>4"</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>1/4 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>150</u>	

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
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>			
<u>RED SAND GRAVEL</u>	<u>20</u>	<u>40</u>			
<u>WHITE CLAY</u>	<u>40</u>	<u>90</u>			
<u>FINE WHITE SAND</u>	<u>90</u>	<u>120</u>			
<u>COARSE WHITE SAND</u>	<u>120</u>	<u>150</u>			
<u>WHITE CLAY</u>	<u>150</u>				

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED
DEC 22 2002
BY: OLWR