

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
274

L-86

DATE WELL COMPLETED
7-25-01

PERMIT NUMBER

NAME OF DRILLING FIRM
Smith Well Drilling & Sew.

NAME & MAILING ADDRESS OF LANDOWNER
RUSTY BASINGER
BYBUTTS RD 1074
ACUMANDO, MS. 38632

WELL LOCATION SEC TOWNSHIP RANGE
0-2 T3 S R7 E

DISTANCE DIRECTION NEAREST TOWN
8 Miles E of HEMARD

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 10 60 FT.

PUMP TEST
Well yielded 18 GPM with
a drawdown of 4 ft.
after 1 hours of pumping

WELL DATA

Well Depth <u>110</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>100</u>
Type of Casing <u>PVC</u>	Hole Depth <u>110</u>	Depth to Static Water Level <u>40</u>

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):
Electric, Gamma Ray, Density, Sonic, Neutron, No Log Run
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
REC'D DEC 31 2001

Top of Lap Pipe or Reduction in Casing
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches <u>4"</u>	Length - Feet <u>10</u>	Slot Size - Inches <u>1/4 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>110</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)		FROM	TO
	FROM	TO		
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>		
<u>GRAVEL</u>	<u>20</u>	<u>30</u>		
<u>GREY CLM</u>	<u>30</u>	<u>100</u>		
<u>WHITE SAND</u>	<u>100</u>	<u>110</u>		

IF MORE SPACE IS NEEDED, USE BACK