

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
DE SOTO

WELL NUMBER
276

CODED
E-77

DATE WELL COMPLETED
8-8-01

PERMIT NUMBER

NAME OF DRILLING FIRM
SMITH WELL DRILLING SERV.

NAME & MAILING ADDRESS OF LANDOWNER
Tommy Cox
BROWN RD
HEMLOCK MS. 38632

WELL LOCATION SEC TOWNSHIP RANGE
H-23 T-20 R-9 E

DISTANCE DIRECTION NEAREST TOWN
8 Miles N of EVADORA

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 1/2

Pump Capacity (GPM) No. of Stages Setting Depth
20 14 20 FT.

PUMP TEST
Well yielded 35 GPM with
a drawdown of 17 ft.
after 1 hours of pumping

WELL DATA

Well Depth <u>105</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>25</u>
Type of Casing <u>PVC</u>	Hole Depth <u>105</u>	Depth to Static Water Level <u>38</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):
 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe)

Name of Organization Running Log

SCREEN DATA

Diameter - Inches <u>4"</u>	Length - Feet <u>30</u>	Slot Size - Inches <u>14 TROUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>105</u>	

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>			
<u>WHITE CLAY</u>	<u>20</u>	<u>40</u>			
<u>GRAVEL + RED SAND</u>	<u>40</u>	<u>90</u>			
<u>WHITE CLAY</u>	<u>90</u>	<u>95</u>			
<u>WHITE SAND</u>	<u>95</u>	<u>105</u>			
<u>GREY CLAY</u>	<u>105</u>				

IF MORE SPACE IS NEEDED, USE BACK