

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 <u>Leflore</u>		PERMIT NUMBER
WELL NUMBER <u>P2002</u>	CODED	NAME OF DRILLING FIRM <u>Thompson Brothers</u>
DATE WELL COMPLETED <u>7/12/99</u>		

NAME & MAILING ADDRESS OF LANDOWNER
J. K. Lovell
154 C.R. 528161
Heidelberg Ms. 39439

WELL LOCATION SEC. 8 TOWNSHIP 1 RANGE 12
N S E W

DISTANCE 6 Miles DIRECTION W of NEAREST TOWN Heidelberg

OTHER LANDMARK

WELL PURPOSE Poultry

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 5

Pump Capacity (GPM) 55 No. of Stages Setting Depth FT.

PUMP TEST
Well yielded 60 GPM with
a drawdown of 53 (airlift) ft.
after hours of pumping

WELL DATA

Well Depth <u>473</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>453</u>
Type of Casing <u>P.V.S.</u>	Hole Depth <u>473</u>	Depth to Static Water Level <u>120</u>

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

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

SCREEN DATA

Diameter - Inches <u>4</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>P.V.S.</u>	Depth to Bottom - Feet <u>467</u>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Red clay</u>	<u>0</u>	<u>30</u>	<u>shale</u>	<u>467</u>	<u>473</u>
<u>blue clay</u>	<u>30</u>	<u>80</u>			
<u>fine sand</u>	<u>80</u>	<u>95</u>			
<u>clay (granular)</u>	<u>95</u>	<u>180</u>			
<u>blue clay</u>	<u>180</u>	<u>235</u>			
<u>Brown & blue clay</u>					
<u>oyster shells</u>	<u>235</u>	<u>355</u>			
<u>grey clay</u>	<u>355</u>	<u>413</u>			
<u>fine sand streaks</u>	<u>413</u>	<u>423</u>			
<u>shale</u>	<u>423</u>	<u>440</u>			
<u>sand</u>	<u>440</u>	<u>467</u>			

RECEIVED

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