

**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  
Calhoun

WELL NUMBER  
E-2045

DATE WELL COMPLETED  
8-8-2000

PERMIT NUMBER  
D-586

NAME OF DRILLING FIRM  
James Wells  
Water Well Service

NAME & MAILING ADDRESS OF LANDOWNER  
Fred B. Broome

83 Pirate Drive

Hattiesburg Ms. 39402

WELL LOCATION SEC 20 TOWNSHIP 4<sup>N</sup> RANGE 14<sup>E</sup>

DISTANCE 4 MILES DIRECTION West NEAREST TOWN Hattiesburg

OTHER LANDMARK

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

**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 16

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

PUMP TEST  
Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth <u>80</u>	Casing Diameter (in) <u>4</u>	Casing Length (ft.) <u>60</u>
Type of Casing <u>PVC</u>	Mole Depth <u>80</u>	Depth to Static Water Level <u>40</u>

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

WELL GROUTED TO A DEPTH OF 15 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

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>20</u>	Slot Size - inches <u>007</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>60-80</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>2</u>		
<u>Red Clay</u>	<u>2</u>	<u>15</u>		
<u>Sand</u>	<u>15</u>	<u>70</u>		
<u>Red Shale</u>	<u>70</u>	<u>80</u>		

REC'D JUL 25 2001

IF MORE SPACE IS NEEDED, USE BACK