

**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 <b>Southern</b>	
WELL NUMBER <b>1</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>12-14-93</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>CFS DRILLING</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Johney Castle</b> <b>Rt. 1, Box 454</b> <b>Moothead, ms.</b>			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	<b>12</b>	<b>T18 N</b>	<b>R3 W</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>3</b> Miles	<b>N</b>	of <b>Moothead</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Fish Hatchery</b>			

PUMP DATA		
PUMP TYPE (Circle One): <b>Submersible</b> Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <b>Electric</b> Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM) <b>90</b>	No. of Stages <b>12</b>	Setting Depth <b>149</b> FT.
PUMP TEST		
Well yielded <b>90</b> GPM with a drawdown of <b>62</b> ft. after <b>8</b> hours of pumping		

WELL DATA		
Well Depth <b>1385</b>	Casing Diameter (In.) <b>4" x 2 1/2"</b>	Casing Length (Ft.) <b>1355</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1410</b>	Depth to Static Water Level <b>30 in.</b>

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

TYPE OF COMPLETION: (Circle One or More): <b>Natural Development</b> Underreamed, Telescoped, Open Hole, Other	
WELL GROUTED TO A DEPTH OF <b>12</b> FEET Type Grout (circle one) <b>Cement</b> , Bentonite, or Mix	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches <b>2 1/2</b>	Length - Feet <b>30</b>	Slot Size - Inches <b>10/16</b>
Screen Type <b>S.S.</b>	Depth to Bottom - Feet <b>1385</b>	

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP soil to clay	0	28	CLAY	1394	1410
SAND	28	42			
SAND to FINE SAND	42	178			
SAND	178	288			
CLAY	288	412			
SAND	412	476			
CLAY	476	482			
SAND	482	571			
CLAY	571	681			
SHALE to ST. SAND	681	1321			
SAND	1321	1394			

**RECEIVED**  
**JAN 03 1994**

If well telescopes please sketch and show depths.

GROUND LEVEL

			X

SECTION 12

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.