

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P.O. Box 10631

Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

CITY LOCATED	
Calhoun	
WELL NUMBER	CODED
2	
DATE WELL COMPLETED	
7/30/01	

PERMIT NUMBER
EW-15629
NAME OF DRILLING FIRM
Layne-Central, a division of Layne
Christensen Company

NAME & MAILING ADDRESS OF LANDOWNER			
ATLANTA WATER SYSTEM, INC 1363 CR 70 WOODLAND, MS 39776			
Latitude: N33 48.034'			
Longitude: W089 14.001'			
WELL LOCATION	SEC	TOWNSHIP	RANGE
CR464	3	22	10
		<input checked="" type="checkbox"/> N <input type="checkbox"/> S	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
DISTANCE	DIRECTION	NEAREST TOWN	
5 Miles	SE of	Derma, MS	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			
<b>Municipal</b>			

<b>WELL DATA</b>		
Well Depth	Casing Diameter (in)	Casing Length (Ft.)
1573 ft.	10"	1485 ft.
Type of Casing	Hose Depth	Depth to Static Water Level
Steel	1565 ft.	191 ft.
TYPE OF COMPLETION (Check One or More)		
<input checked="" type="checkbox"/> Gravel Packed	<input checked="" type="checkbox"/> Underreamed	<input type="checkbox"/> Telescoped
<input type="checkbox"/> Natural Development	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Other
(Describe)		
WELL GROUTED TO A DEPTH OF 1485 FEET		
Type of Grout (Check One) <input checked="" type="checkbox"/> Cement <input type="checkbox"/> Bentonite or <input type="checkbox"/> Mix		

<b>SCREEN DATA</b>		
Diameter - inches	Length - feet	Slot Size - inches
4"	55 ft.	.014
Screen Type	Depth to Bottom - Feet	
Stainless Steel	1573 ft.	

PUMP DATA		
PUMP TYPE (Check One):		
<input checked="" type="checkbox"/> Submersible	<input type="checkbox"/> Turbine	<input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well
<input type="checkbox"/> Other (Describe)		
POWER TYPE (Check One):		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Tractor	<input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane
<input type="checkbox"/> Other (Describe)		
		H/P 30
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	25
Clay & Gravel	25	38
Clay	38	59
Rock	59	60
Clay	60	67
Rock	67	68
Clay	68	72
Rock	72	73
Clay with Sand Shale	73	268
Clay with Sand	268	390
Hard Clay, Hard Shale	390	480
Clay, Shale	480	494
Hard Clay, Hard Shale	494	547
Clay, Soft Shale	547	654
Hard Clay, Shale	654	960
Hard Clay, Sandy Shale	960	1090
Clay, Sandy Shale	1090	1225
Rock	1225	1230
Clay, Sandy Shale	1230	1336
Rock	1336	1338
Sand with Clay	1338	1374
Hard Clay, Hard Shale	1374	1385
Clay, Sandy Shale	1385	1470
Sand, Clay, Sandy Shale	1470	1522
Clay, Sandy Shale	1522	1538
Top of Lap Pipe or Reduction in Casing		
		FEET
IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE		

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

*[Signature]* 0-64  
Signature of Licensed Driller and License No.

**RECEIVED**

JAN 31 2003

1/28/03

Date

**BY: OLWR**

Additional Information Required on Back