

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED MADISON	
WELL NUMBER 2	CODED <input checked="" type="checkbox"/>
✓ 65	
DATE WELL COMPLETED 02/01/93	

PERMIT NUMBER GW-14589
NAME OF DRILLING FIRM Layne-Central Co., AD 274
Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER City of Ridgeland, Ms.		
P.O. Box 217		
Ridgeland, MS 39158		
WELL LOCATION: SEC	TOWNSHIP	RANGE
15	7	N 1 E
DISTANCE	DIRECTION	NEAREST TOWN
5 Miles	W. of City of	MADISON
OTHER LANDMARK Hardy Rd.		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

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 250		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1500	5	460' FT.
PUMP TEST		
Well yielded 1500 GPM with a drawdown of 22' ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1335'	Casing Diameter (In.) 18"	Casing Length (Ft.) 1175'
Type of Casing STEEL	Hole Depth 1369'	Depth to Static Water Level 393'
TYPE OF COMPLETION: (Circle 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		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log Layne-Central Co.	

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

SCREEN DATA		
Diameter - Inches 12"	Length - Feet 150'	Slot Size - Inches 20
Screen Type JOHNSON S/S	Depth to Bottom - Feet 5'	

Driller's Remarks 1335 150 118
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
SANDY CLAY	0'	10'	Clay	870'	1042'
RED SAND	10'	80'	SANDY CLAY	1042'	1110'
YELLOW CLAY	80'	105'	SAND	1110'	1200'
BLUE CLAY	105'	320'	HARD PACKED SAND	1200'	1215'
CLAY	320'	535'	SAND	1215'	1342'
SHALE & SAND STRK.	535'	560'	SHALE	1342'	1369'
SHALE	560'	650'			
SHALE & FINE SAND STRK.	650'	710'			
SANDY CLAY	710'	805'			
CLAY	805'	840'			
CLAY & SAND STRK.	840'	870'			

RECEIVED

IF MORE SPACE IS NEEDED, USE BACK

JAN 27 1994

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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