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	Desoto
WELL NUMBER	3
CODED	
	L85
DATE WELL COMPLETED	5-31-01
PERMIT NUMBER	MS-GW-15529
NAME OF DRILLING FIRM	Layne Central Co
	Memphis, TN

NAME & MAILING ADDRESS OF LANDOWNER
City of Hernando
475 West Commerce St
Hernando, MS 38632

WELL LOCATION	SEC	TOWNSHIP	RANGE
	18	T3 N (S)	R7 E (W)

DISTANCE	DIRECTION	NEAREST TOWN
Miles	of	

OTHER LANDMARK
I55 & Hwy 304

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 _____

Pump Capacity (GPM)	No. of Stages	Setting Depth
1250	N/A	220 FT.

PUMP TEST
Well yielded N/A GPM with a drawdown of _____ ft. after _____ hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
371'	18"	295'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	371'	162'

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

WELL GROUTED TO A DEPTH OF 295 FEET
Type Grout (circle one): (Cement), Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, (Electric), Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log
Layne Central

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
12"	70'	.040"

Screen Type	Depth to Bottom - Feet
Stainless Steel	370'

Top of Lap Pipe or Reduction in Casing
239 FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
see attached					
			IF MORE SPACE IS NEEDED, USE BACK		

REC'D JUN 13 2001

DeSoto Co.

L85

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FORMATION LOG OF THE WELL OR TEST HOLE

Drilled for: City of Hernando Start 4/07/01 Finished _____ Test Hole Number 1
Location _____ TS _____ Range _____ Elevation _____
Latitude _____ Longitude _____ County DeSoto Job No 57- 5081

Total Depth	Thickness Each Stratum	Formation	Total Depth	Thickness Each Stratum	Formation Sample
0-10		Brown Clay			1. 180-200
10-30		Pink Clay & Sand			2. 200-220
35-37		Tan Clay			3. 220-240
37-53		Fine Sand			4. 240-260
53-58		Small Gravel & Fine Sand			5. 260-280
58-82		Pink Clay			6. 280-300
82-115		Hard Gray Clay			7. 300-320
115-116		Sand Stone			8. 320-340 9. 340-360
116-176		Hard Gray Clay			10. 360-380 11. 416-420
176-380		Fine Sand, Clay St & Lig			12. 420-440 13. 440-460 14. 460-480
380-416		Clay, Sand St & Lig			
416-472		Fine Sand Shale & Lig			
472-500		Shale, Sand St & Lig			

TEST DATA

	PRELIMINARY TEST	FINAL TEST
Static Water Level		
Pumped GPM		
Pressure Pounds		
Draw Down		
GPFD		
Guaranteed GPM		
Guaranteed Pressure		
Date of Test		

REC'D JUN 13 2001

REMARKS

Driller | David Wade

Field Supt | Barry Crook