

RECEIVED

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

JUL 26 1995

P. O. Box 10631

Jackson, MS 39289-0631

Dept. WATER WELLS BUILDERS LOG

Office of Land & Water Resources
PUMP DATA

COUNTY WELL LOCATED CALHOUN		PERMIT NUMBER
WELL NUMBER N 34	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM LAYNE-CENTRAL
DATE WELL COMPLETED 30 DEC 1994		

NAME & MAILING ADDRESS OF LANDOWNER CROSSROADS WATER ASSOCIATION		
C/O WILLIS ENGINEERING		
P.O. BOX 160		
GRENADA, MS 38902		
WELL LOCATION	SEC	TOWNSHIP
	14	15
		M S
		9 E XX
DISTANCE	DIRECTION	NEAREST TOWN
6	Miles SOUTH	of CALHOUN CITY
OTHER LANDMARK ELEVATED TANK ACROSS FROM OLD WELL.		
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. MUNICIPAL		

PUMP TYPE (Circle One): Submersible <input checked="" type="checkbox"/> Surface <input type="checkbox"/> Flowing Well <input type="checkbox"/>		
POWER TYPE (Circle One): Electric <input checked="" type="checkbox"/> Gasoline <input type="checkbox"/> Gasoline <input type="checkbox"/> Other <input type="checkbox"/>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
348	10	253 FT.
PUMP TEST		
Well yielded 348 GPM with		
a drawdown of 6 ft.		
after 6 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
2174'	10"	2125'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	2213'	163'
TYPE OF COMPLETION (Circle One or More): Gravel Packed <input checked="" type="checkbox"/> Underreamed <input checked="" type="checkbox"/> Telescoped <input type="checkbox"/> Water Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other <input type="checkbox"/>		
WELL GROUTED TO A DEPTH OF 2125 FEET		
Type Grout (circle one): Cement <input checked="" type="checkbox"/> Portland <input type="checkbox"/> Mix <input type="checkbox"/>		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric <input checked="" type="checkbox"/> Geophysical <input type="checkbox"/> Other <input type="checkbox"/>	
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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6"	40' 4"	0.20
Screen Type BAR WELD - STAINLESS STEEL	Depth to Bottom - Feet 2170'	

Driller's Remarks	
Top of Lap Pipe or Reduction in Casing 2068 FEET	
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)		FROM	TO
RED CLAY	0	10	SANDY SHALE & SAND					
YELLOW CLAY	10	35	STREAKS	1570	1778			
SAND	35	70	ROCK	1778	1781			
SAND & IRON ORE STREAKS	70	90	SANDY SHALE & SAND					
GRAY CLAY	90	770	STREAKS	1781	1850			
LIMESTONE	770	1274	SHALE	1850	1916			
SHALE	1274	1465	SHALE & SAND STREAKS	1916	2050			
ROCK	1465	1466	SAND, ROCK & GRAVEL	2050	2180			
SHALE	1466	1570	SHALE	2180	2213			
IF MORE SPACE IS NEEDED, USE BACK								