

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 Holmes
WELL NUMBER K-3235
DATE WELL COMPLETED 4/26/00

PERMIT NUMBER
NAME OF DRILLING FIRM Layne-Central, a div. of
Layne Christensen Co.

NAME & MAILING ADDRESS OF LANDOWNER			
Don Barrett			
P.O. Box 987			
Lexington, MS 39095			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	3	15	N 1 E
DISTANCE	DIRECTION	NEAREST TOWN	
3	East	of Tchula	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Irrigation			

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
1000	3	270 FT.
PUMP TEST		
Well yielded 158 GPM with a drawdown of 35' 7" ft. after 4 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In)	Casing Length (Ft)
338'	16"	288'
Type of Casing	Hole Depth	Depth to Static Water Level
PVC	338'	114' 2"
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 10 FEET Type Grout (circle one) Cement , Bentonite, or Mix		

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

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
16"	50'	.010
Screen Type	Depth to Bottom - Feet	
PVC	338'	

Driller's Remarks
NOV 14 2000
Top of Lap Pipe or Reduction in Casing
FEET

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	13	Coarse Sand, Lignite	253	263
Clay	13	23	Fine Sand, Lignite	263	273
Clay	23	33	Fine Sand	273	276
Clay	33	43	Clay	276	283
Clay, Coarse Sand	43	53	Clay, Fine Sand	283	293
Coarse Sand, Pea Gravel	53	63	Coarse Sand	293	303
Coarse Sand, Lignite	63	73	Coarse Sand	303	333
Clay	73	83	Clay	333	338
Clay, Borderline Sand	83	233			
Fine Sand, Clay	233	243			
Fine Sand	243	253			