

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

COUNTY WELL LOCATED Calhoun	
WELL NUMBER K17	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 3-26-91	

PERMIT NUMBER 22-4684
NAME OF DRILLING FIRM Layne - Central
Cleveland, MS

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER Big Creek Water Assn. P.O. Box 2025 Big Creek, MS 38914		
WELL LOCATION: SEC	TOWNSHIP	RANGE
16	23 N	8 W
DISTANCE	DIRECTION	NEAREST TOWN
.2 Miles	E	J
OTHER LANDMARK New Galey Church		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Rural Public Supply		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P 25		
Pump Capacity (GPM)	No. of Stages	Setting Depth
200	11	230 FT.
PUMP TEST		
Well yielded Not Tested GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth 1890'	Casing Diameter (In.) 10	Casing Length (Ft.) 1856
Type of Casing St st	Hole Depth 1893'	Depth to Static Water Level 103'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 1805 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA		
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____		
Name of Organization Running Log Layne Geophysical		
GEOLOGIC DATA (Office Use Only)		
Surface Elev.	Geologic Unit	Unit Thickness (Feet) to Top
Subs. SWL	Do	Do
RECEIVED		
Driller's Remark 1%		
MAY 08 1991		
Dept. of Environmental Quality Bureau of Land & Water Resources		

SCREEN DATA		
Diameter - Inches 6	Length - Feet 29' 8"	Slot Size - Inches .020
Screen Type St steel	Depth to Bottom - Feet 4	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay - Stks of Iron Ore	0	30	Rock	460	461
Clay	30	55	Sandy Clay	461	480
Rock	55	56	Hard Clay	480	506
Clay	56	70	Clay & Hard Shale Stks	506	795
Sand	70	80	Clay & Sand Stks	795	827
Clay	80	130	Clay	827	925
Shale & Stks. of Sand	130	200	Limestone - Stks of Shale	925	1063
Rock	200	201	Clay	1063	1340
Shale	201	239	Shale & Limestone Stks	1340	1490
Blue Clay	239	450	Sandy Shale	1490	1527
Hard Clay	450	460			

IF MORE SPACE IS NEEDED, USE BACK