

DEP

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 WAYNE	
WELL NUMBER T-91	CODED
DATE WELL COMPLETED B-21-2000	

PERMIT NUMBER GW15517
NAME OF DRILLING FIRM A-1 DRILLING SERV
LAUREL, MS

NAME & MAILING ADDRESS OF LANDOWNER BUCKATUNNA WATER ASSN			
P.O. Box 242			
BUCKATUNNA, MS 39322			
WELL LOCATION	SEC	TOWNSHIP	RANGE
SW, SW, NW, NE	12	7	N 6 W
DISTANCE	DIRECTION	NEAREST TOWN	
4 Miles	N	of BUCKATUNNA	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) 30 H/P 230V 3φ		
Pump Capacity (GPM)	No of Stages	Setting Depth
280 @ 350'	5	248 FT.
PUMP TEST		
Well yielded 285 GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA GL		
Well Depth 354'	Casing Diameter (in) 12 ID	Casing Length (Ft) 313
Type of Casing EPOXY Std. steel	Hole Depth 360'	Depth to Static Water Level 161' (f. csg)
TYPE OF COMPLETION (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, <u>Open Hole</u> , Other (Describe)		

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 OFFICE OF GEOLOGY	

WELL GROUTED TO A DEPTH OF **313** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)			
Surface Elev 252	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date 1/27/01	Analysis GSU	Acquire Test

SCREEN DATA		
Diameter - Inches 8" PS	Length - Feet 4.84	Slot Size - Inches .015"
Screen Type Bar weld ss	Depth to Bottom - Feet 354.3	

Driller's Remarks W
FEB 07 2001
Top of Lap Pipe or Reduction in Casing 249 FEET. IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top soil	0	1	Sand, coarse, tan	129	181
Clay, red, sandy	1	10	clay, gray, sdy	181	189
Sand & gravel	10	21	Sandy, coarse, tan	189	218
Clay, tan, sp lgt gray	21	58	gray w lignite		
Clay, sandy	58	65	Clay, gray, sdy str	218	231
Sand, coarse	65	77	Sand, gray & tan	231	279
Clay, crumbly	77	82	Clay, sandy	279	280
Clay, sandy	82	86	Blocks & clay, sandy	280	291
Clay, stiff, gray	86	102	Sand, fine, gray	291	357
Clay, gray, sandy	102	108	Clay, gray	357	360
Clay, light gray	108	179			

IF MORE SPACE IS NEEDED USE BACK

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