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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
Forrest

WELL NUMBER CODED
5

C-73

DATE WELL COMPLETED
7-21-99

PERMIT NUMBER
15366

NAME OF DRILLING FIRM
A-1 DRILLING SERV

LAUREL, MS 39443

NAME & MAILING ADDRESS OF LANDOWNER
BARRONTOWN UTILITY ASSN

101 DOGWOOD LANE

PETAL, MS 39465

WELL LOCATION SEC TOWNSHIP RANGE
SULNE, NE 9 5 N 12 W

TO DISTANCE DIRECTION NEAREST TOWN
9 Miles E of PETAL

OTHER LANDMARK

WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

PUMP DATA

PUMP TYPE (Circle One):
 Submersible Turbine Jet Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
 Electric Tractor Diesel Gasoline Butane
Other (Describe) **40 H/P 3760V. 3PH**

Pump Capacity (GPM)	No of Stages	Setting Depth
350	6	267 FT.

PUMP TEST

Well yielded **391** GPM with
a drawdown of **33 1/2** ft.
after **5** hours of pumping

WELL DATA

Well Depth 842'	Casing Diameter (In.) 10 3/4"	Casing Length (Ft.) 793'
Type of Casing BL. ST EPOXY CTD	Hole Depth 963'	Depth to Static Water Level 155.5'

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

WELL GROUTED TO A DEPTH OF **793** 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
MS DEPARTMENT OF GEOLOGY

GEOLOGIC DATA (Office Use Only)

Surface Elev 280	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date JUL 24 2000	Analysis	Aguter Test

SCREEN DATA

Diameter - Inches 6" PS	Length - Feet 41.85'	Slot Size - Inches .015"
Screen Type BAR WELD S.S.	Depth to Bottom - Feet 842'	

Driller's Remarks
V. good H₂O

Dept. of Environmental Quality
Office of Land & Water Resources

Top of Lap Pipe or Reduction in Casing
748.75 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	174	185		
Clay, orange	1	9			Clay, gray, orange	185	207		
Clay, purple plank	9	27			Hard streaks	207	216		
Sand, coarse, yellow	27	29			Clay, sandy	216	270		
Clay, sandy	29	33			Clay, gray	220	251		
Sand, coarse	33	65			Clay, sandy & blue	251	262		
Sand & pea gravel	65	86			Clay, gray-green	262	324		
Clay	86	132			Sand, good clatters				
Clay, sandy	132	136			V. coarse, pea gravel	324	412		
Sand & clay break	136	144			Clay, gray	412	422		
Clay, gray	144	174							

IF MORE SPACE IS NEEDED USE BACK