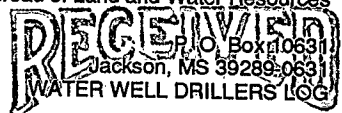


DNA

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources



JAN 21 1994

COUNTY WELL LOCATED
WAYNE

WELL NUMBER **U 88** CODED PERMIT NUMBER

DATE WELL COMPLETED
12-15-93

NAME OF DRILLING FIRM
A-1 DRILLING SERV, INC

LAUREL, MS

NAME & MAILING ADDRESS OF LANDOWNER
BUCKATUNNA WATER ASSN

P.O. Box 128

BUCKATUNNA, MS

WELL LOCATION: SEC **18** TOWNSHIP **7** RANGE **5**

DISTANCE **± 3 1/2** MILES DIRECTION **N** NEAREST TOWN **BUCKATUNNA**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
TEST WELL #1/WELL #5

PUMP DATA

PUMP TYPE (Circle One): **Submersible** Dept. of Environmental Quality Office of Land & Water Resources

POWER TYPE (Circle One): **Electric** Tractor, Diesel, Gasoline, Butane, Other (Describe) **5 H/P 230V 1ϕ**

Pump Capacity (GPM) **66 @ 0'** No. of Stages **12** Setting Depth **105** FT.

PUMP TEST

Well yielded **66** GPM with a drawdown of **1 ft 1/2** ft. after **3** hours of pumping

WELL DATA **G.L.**

Well Depth 272'	Casing Diameter (In.) 4	Casing Length (Ft.) 252
Type of Casing G. Steel	Hole Depth 391'	Depth to Static Water Level 55'

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

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One): **Electric, Gamma Ray** No Log Run, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log
Miss DEQ/OFFICE OF GEOL.

GEOLOGIC DATA (Office Use Only)

Surface Elev. 190'	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
SAME AS HOLE AS TEST
WELL #1/WELL #5

SCREEN DATA

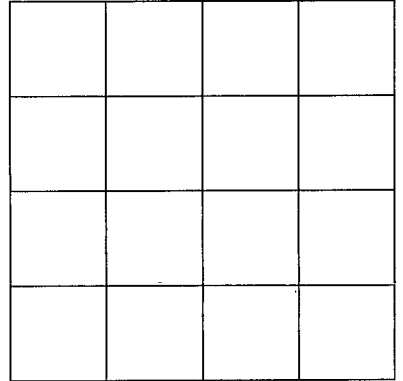
Diameter - Inches 3	Length - Feet 20	Slot Size - Inches 1008
Screen Type Bar-weld SS.	Depth to Bottom - Feet 272	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top soil	0	1	Sand	176	192
Clay, red, sandy	1	12	Clay, grey	192	198
Sandy, red	12	35	Sand & clay mixed	198	207
Sand & clay mixed	35	65	Sand	207	212
Clay, white	65	78	Clay, gray-green	212	248
Clay, lt. gray, sandy	78	90	Sand & clay streaks	248	249
Clay, lt. gray to gray	90	105	Sand, coarse, chert	249	272
Sand	105	109	Clay	272	277
Clay, lt. gray	109	127	Rock, hard	277	280
Sand & pea gravel	127	158	Clay, w/ hard strks	280	288
Clay, sandy gray w/lig	158	176			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

288-291 - Clay
291-294 - Rock, hard
294-298 - Clay, w/ hard streak
298-311 - Sand & clay breaks
311-330 - Sand
330-338 1/2 - Soft lignite
338 1/2 - 341 - Sand
341-382 - Clay, gray
382-382 1/2 - Rock
382 1/2 - 391 - Clay & sea shell
391-392 - Rock, hard

If more than one screen,
show location of each on sketch.