

MAY 27 1999

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
JONES

WELL NUMBER
6

CODED

PERMIT NUMBER
MS-GW-15338

NAME OF DRILLING FIRM
A-1 DRILLING SERV, INC

DATE WELL COMPLETED
5-14-99

LAUREL, MS 39443

NAME & MAILING ADDRESS OF LANDOWNER
PLEASANT RIDGE WATER ASSN

24 HOLLY RD

LAUREL, MS 39443

WELL LOCATION SEC TOWNSHIP RANGE
N1/2, S1/2, NE 1 8 N 13 W

DISTANCE DIRECTION NEAREST TOWN
7 Miles W of LAUREL

OTHER LANDMARK
@ ELEVATED TANK

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 230V 3P**

Pump Capacity (GPM) No. of Stages Setting Depth
375 @ 13 340 FT.

PUMP TEST

Well yielded **375** GPM with
a drawdown of _____ ft.
after _____ hours of pumping

WELL DATA

Well Depth **408'** Casing Diameter (In.) **12 3/4"** Casing Length (Ft.) **353**

Type of Casing **Steel** Hole Depth **410'** Depth to Static Water Level **215'**

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

WELL GROUTED TO A DEPTH OF **353** 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 **MISSISSIPPI**
OFFICE OF GEOLOGY

GEOLOGIC DATA (Office Use Only)

Surface Elev. 443	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA

Diameter - Inches 8" ID	Length - Feet 53	Slot Size - Inches .015"
Screen Type Barweld ss	Depth to Bottom - Feet 406	

Top of Lap Pipe or Reduction in Casing
291 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay, red, sandy	0	19'	Rock	242	242 1/2
Sand, yellow, fine	19	65	Sand, gray	242 1/2	273
Sand, pink	65	88	Sand, fine, packy	273	276
Clay, pink	88	103	Sand, loose, coarse	276	333
Clay, white	103	110	Clay	333	336
Clay, tan	110	118	sand & clay mixed	336	348
Clay, gray & purple, brittle	118	143	Sand, fine	348	353
Clay, gray, purple, soft	143	194	Clay, sandy	353	356
Clay, sandy	194	198	Sand, coarse	356	404
Sand w/ clay breaks	198	220	Clay, sandy, gray-green	414	420
Sand	220	242			

IF MORE SPACE IS NEEDED, USE BACK