

MAIL TO:
 WATER SUPPLY BRANCH
 DIVISION OF ENVIRONMENTAL CONTROL
 P.O. BOX 1401
 DOVER, DELAWARE 19903

STATE OF DELAWARE
 DEPARTMENT OF NATURAL RESOURCES
 AND ENVIRONMENTAL CONTROL

WELL COMPLETION REPORT MUST
 BE RETURNED 30 DAYS AFTER
 CONSTRUCTION DATE
JAN 19 1996

WELL COMPLETION REPORT

PLEASE PRINT

PERMIT NO. 106344 LOCAL ID _____

OWNER Swann Estates

CONSTRUCTION DATE 11/29/95

PURPOSE: TEST PERMANENT

USE: DOMESTIC AGRICULTURAL
 COMMERCIAL INDUSTRIAL
 IRRIGATION PUBLIC
 OBSERVATION DEWATERING
 HEAT PUMP RECHARGE HEAT PUMP SUPPLY
 OTHER (Specify) _____

IS THIS A REPLACEMENT WELL? YES NO

ABANDONMENT DATE FOR OLD WELL _____

ABANDONMENT METHOD _____

DRILLING METHOD

AUGERED BORED CABLE TOOL
 DRIVEN JETTED AIR ROTARY
 MUD ROTARY REVERSE WASHED
 OTHER (Specify) _____

TOTAL DEPTH DRILLED 82'

CASING SEQUENCE

CASING TOP
 CASING BOTTOM
 CASING DIAMETER
 CASING MATERIAL

INNER	OUTER
<u>+1'</u>	
<u>72'</u>	
<u>6"</u>	
<u>PVC</u>	

SCREEN SEQUENCE

SCREEN TOP
 SCREEN BOTTOM
 SCREEN DIAMETER
 SCREEN MATERIAL

INNER	OUTER
<u>70'</u>	
<u>80'</u>	
<u>6"</u>	
<u>PVC</u>	

WRITTEN APPROVAL FOR SCREENING/
 GRAVEL PACKING MORE THAN ONE AQUIFER
 MUST BE OBTAINED FROM DNREC.

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____

FROM 0 TO 55 FEET

NON-GROUT BACKFILL OF WELL ANNULUS

TYPE N/A FROM _____ TO _____ FEET

GRAVEL PACK: TYPE moiric Blend 1/2

FROM 60 TO 80 FEET

STATIC WATER LEVEL: DATE 11/29/95

12 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 22 FT. BELOW GRADE

AFTER 5 HOURS AT 150 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER _____

_____ INCHES ABOVE GRADE

TYPE OF PERMANENT PUMP INSTALLED

PUMP MANUFACTURE Grundfos

RATED CAPACITY (GPM) 30

PUMP INTAKE SETTING 63 FT. BELOW GRADE

THE COMPLETED WELL IS?

A. AT LEAST 15' FROM ANY FOUNDATION YES NO
 B. AT LEAST 50' FROM ANY SEPTIC TANK YES NO
 C. AT LEAST 10' FROM TOWN SEWER LINE YES NO
 D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD YES NO

THE NEAREST NEIGHBORS (CIRCLE ONE)

SEPTIC TILE FIELD CESSPOOL OR PRIVY
 IS 100' FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

R123-04

ASB

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DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Top soil	0	1
Fine tan sand	1	3
Gray & white clay	3	14
Med. to coarse tan sand	14	28
Med. brown sand	28	42
Coarse tan sand & gravel	42	80
Hard layer - Iron Ore	80	83
Gray clay	83	85
Gray clay, sand	85	105

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

PAGE 1 OF 1 PAGES

COMPANY NAME Atlantic Well Drilling

SIGNATURE OF DRILLER IN CHARGE [Signature] DATE 18 JAN 96