

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

WELL COMPLETION REPORT

PLEASE PRINT

PERMIT NO. 107145 LOCAL ID _____

OWNER William Collins

CONSTRUCTION DATE 4/2/98
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 220'

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>24"</u>	
CASING BOTTOM	<u>210</u>	
CASING DIAMETER	<u>4"</u>	
CASING MATERIAL	<u>PVC</u>	

SCREEN SEQUENCE

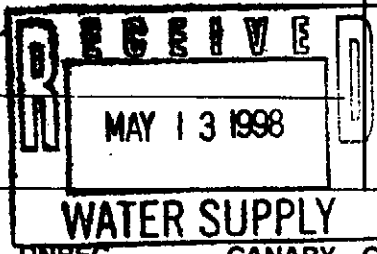
	INNER	OUTER
SCREEN TOP	<u>210</u>	
SCREEN BOTTOM	<u>220</u>	
SCREEN DIAMETER	<u>4"</u>	
SCREEN MATERIAL	<u>PVC</u>	

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

GROUT TYPE: CEMENT BENTONITE CLAY
OTHER: _____
FROM 200 TO TOP FEET
NON-GROUT BACKFILL OF WELL ANNULUS
TYPE _____ FROM _____ TO _____ FEET
GRAVEL PACK: TYPE #2 WASH GRAVEL
FROM 200 TO 220 FEET
STATIC WATER LEVEL: DATE 4/2/98
6 FT. (Below, above) GROUND SURFACE
PUMPING WATER LEVEL 12 FT. BELOW GRADE
AFTER 1 HOURS AT 40 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR
OTHER _____
_____ INCHES ABOVE GRADE.



TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE Starite
RATED CAPACITY (GPM) 10
PUMP INTAKE SETTING 3 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.

Q: 15-18
NOTE: DRILLED DEEP TO STAY AWAY FROM SALT INTRUSION. NO CLAY BETWEEN 26' + 160'. LESS THAN 160' APPEARED TO BE SALTY AS IT THINED OUT DRILLING FLUID CLAY. (CAUTION OF SALT INTRUSION)

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Fine Sand</u>	<u>2</u>	<u>12</u>
<u>Clay Clay</u>	<u>12</u>	<u>26</u>
<u>Clay Sand</u>	<u>26</u>	<u>160</u>
<u>Clay Clay</u>	<u>160</u>	<u>180</u>
<u>Clay Sand Fine</u>	<u>180</u>	<u>220</u>

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO
PAGE 1 OF _____ PAGES
COMPANY NAME WAS 575 SERV
SIGNATURE OF DRILLER IN CHARGE: _____ DATE 4/2/98