

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

Of 54-06

PLEASE PRINT

PERMIT NO. 97114 LOCAL ID _____

OWNER Eric + Patricia Swanson

CONSTRUCTION DATE Oct. 21, 1993

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 87

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>12" above</u>	
CASING BOTTOM	<u>67</u>	
CASING DIAMETER	<u>4"</u>	
CASING MATERIAL	<u>PVC</u>	

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP	<u>67'</u>	
SCREEN BOTTOM	<u>87'</u>	
SCREEN DIAMETER	<u>4"</u>	
SCREEN MATERIAL	<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 30 FEET

NON-GROUT, BACKFILL OF WELL ANNULUS

TYPE Native FROM 30 TO 60 FEET

GRAVEL PACK: TYPE None

FROM 60 TO 87 FEET

STATIC WATER LEVEL: DATE Oct 21, 1993

7 FT. (Below/above) GROUND SURFACE

PUMPING WATER LEVEL: 21 FT. BELOW GRADE

AFTER 2 HOURS AT 65 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER _____

12 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE Grundfos

RATED CAPACITY (GPM) 20

PUMP INTAKE SETTING 40 FT. BELOW GRADE

THE COMPLETED WELL IS?

	YES	NO
A. AT LEAST 15' FROM ANY FOUNDATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. AT LEAST 50' FROM ANY SEPTIC TANK	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. AT LEAST 10' FROM TOWN SEWER LINE	<input type="checkbox"/>	<input type="checkbox"/>
D. AT LEAST 100' FROM THE NEAREST EDGE OF ANY TILE FIELD	<input checked="" type="checkbox"/>	<input type="checkbox"/>

THE NEAREST NEIGHBORS (CIRCLE ONE)

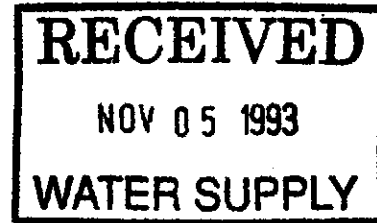
SEPTIC TILE FIELD CESSPOOL OR PRIVY

IS 200' FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN

ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.



DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
<u>Top soil</u>	<u>0</u>	<u>1</u>
<u>dirty yellow sand</u>	<u>1</u>	<u>6</u>
<u>dirty fine white sand</u>	<u>6</u>	<u>17</u>
<u>clayey white sand</u>	<u>17</u>	<u>60</u>
<u>fine to coarse white sand & gravel</u>	<u>60</u>	<u>87</u>

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

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COMPANY NAME White Drilling Corp.

SIGNATURE OF DRILLER IN CHARGE: David W. White DATE: Oct. 26, 1993