

NO:  
 ER 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. 100858 LOCAL ID/

OWNER Town of Bridgeville  
Town Hall Bridgeville, DE 19933

CONSTRUCTION DATE 8/24/94

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 N/A

ABANDONMENT METHOD \_\_\_\_\_

DRILLING METHOD

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

TOTAL DEPTH DRILLED 415

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>2'</u>	
CASING BOTTOM	<u>300'</u>	
CASING DIAMETER	<u>4"</u>	
CASING MATERIAL	<u>pvc</u>	

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP	<u>300'</u>	
SCREEN BOTTOM	<u>370'</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 0 TO 290 FEET

NON-GROUT BACKFILL OF WELL ANNULUS  
 TYPE \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET

GRAVEL PACK: TYPE #2 morie  
 FROM 290 TO 415 FEET

STATIC WATER LEVEL: DATE 8/24/94  
35 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 226 FT. BELOW GRADE  
 AFTER 2 1/2 HOURS AT 80-100 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER  cap  
24 INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE \_\_\_\_\_

RATED CAPACITY (GPM) N/A

PUMP INTAKE SETTING \_\_\_\_\_ 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 checked="" 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 100+ FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN  
 ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

Oct 14-27

NOV 3 1994

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
<u>top soil</u>	<u>0</u>	<u>1</u>
<u>fine to crstan sd</u>	<u>1</u>	<u>58</u>
<u>hard pan</u>	<u>58</u>	<u>59</u>
<u>med to crs sd w/grvl</u>	<u>59</u>	<u>103</u>
<u>gray clay w/fine sd</u>	<u>103</u>	<u>120</u>
<u>gray fine sand</u>	<u>120</u>	<u>135</u>
<u>gray clay</u>	<u>135</u>	<u>165</u>
<u>fine gray sand</u>	<u>165</u>	<u>183</u>
<u>hard pan</u>	<u>183</u>	<u>185</u>
<u>gray sd w/hard shell &amp; clay</u>	<u>185</u>	<u>210</u>

SUPPLEMENTAL DRILLERS LOG ATTACHED YES  NO

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COMPANY NAME American Water Well Systems Inc.

SIGNATURE OF DRILLER IN CHARGE: \_\_\_\_\_ DATE

Paul Ferguson 9/2/94