

MAIL TO:

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

Pd 22-04

**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. 87460 LOCAL ID _____

OWNER Philip Geoghegan
Box 663, Seaford, DE 19973

CONSTRUCTION DATE 7/8/91

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 n/a

DRILLING METHOD

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

TOTAL DEPTH DRILLED 420'

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE Red Jacket

RATED CAPACITY (GPM) 20

PUMP INTAKE SETTING 100 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? YES NO

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

CASING SEQUENCE

	INNER	OUTER
CASING TOP	<u>42'</u>	
CASING BOTTOM	<u>200' x 42'</u>	
CASING DIAMETER	<u>4" x 2"</u>	
CASING MATERIAL	<u>PVC</u>	

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP	<u>400'</u>	
SCREEN BOTTOM	<u>420'</u>	
SCREEN DIAMETER	<u>2"</u>	
SCREEN MATERIAL	<u>PVC</u>	

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

DRILLERS LOG DESCRIPTION	TOP OF STRATA	BOTTOM OF STRATA
Fine to med tan sand	0	5
Brown and tan clay	5	10
Med to coarse tan sand w/chunks of brown clay	10	50
Med to coarse tan sand w/specks of brown clay	50	75
Gray fine to med sand w/silty gray clay	75	90
Gray med sand w/no clay	90	120
Gray sand w/silty clay	120	150
Gray clay	150	175
Gray clay w/shell & sand	175	290
Clay and shell	290	335

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

PAGE 1 OF 2 PAGES

COMPANY NAME American Water Well Systems, Inc.

SIGNATURE OF DRILLER IN CHARGE: Larry [Signature] DATE 11/12/91

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____

FROM 0 TO 390 FEET

NON-GROUT BACKFILL OF WELL ANNULUS TYPE #2 FROM 390 TO _____ FEET

GRAVEL PACK: TYPE #2

FROM 390 TO 425 FEET

STATIC WATER LEVEL: DATE 7/8/91

25 FT. (Below above) GROUND SURFACE

PUMPING WATER LEVEL: 150 FT. BELOW GRADE

AFTER 3 HOURS AT 50 GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER Capped

24 INCHES ABOVE GRADE.

Pd22-04

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WELL COMPLETION REPORT

PERMIT NO. 87460 (cont'd) LOCAL ID _____

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Box 663, Seaford, DE 19973

CONSTRUCTION DATE _____

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 _____

CASING SEQUENCE

	INNER	OUTER
CASING TOP		
CASING BOTTOM		
CASING DIAMETER		
CASING MATERIAL		

SCREEN SEQUENCE

	INNER	OUTER
SCREEN TOP		
SCREEN BOTTOM		
SCREEN DIAMETER		
SCREEN MATERIAL		

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

GROUT TYPE: CEMENT BENTONITE CLAY

OTHER: _____
FROM _____ TO _____ FEET

NON-GROUT BACKFILL OF WELL ANNULUS
TYPE _____ FROM _____ TO _____ FEET

GRAVEL PACK: TYPE _____
FROM _____ TO _____ FEET

STATIC WATER LEVEL: DATE _____
_____ FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: _____ FT. BELOW GRADE
AFTER _____ HOURS AT _____ GPM.

WELL HEAD COMPLETION:

TYPE: PITLESS ADAPTOR

OTHER _____

_____ INCHES ABOVE GRADE.

TYPE OF PERMANENT PUMP INSTALLED:

PUMP MANUFACTURE _____

RATED CAPACITY (GPM) _____

PUMP INTAKE SETTING _____ FT. BELOW GRADE

THE COMPLETED WELL IS?

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

THE NEAREST NEIGHBORS (CIRCLE ONE)

SEPTIC TILE FIELD CESSPOOL OR PRIVY
IS _____ 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
Clay shell & hard sand, layers, 290' 305' & 375'		
Gray medium sand w/shell	335	375
	375	420

SUPPLEMENTAL DRILLERS LOG ATTACHED YES NO

PAGE 1 OF 2 PAGES

COMPANY NAME American Water Well Systems, Inc.

SIGNATURE OF DRILLER IN CHARGE: _____ DATE _____

JB
DS
EL
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LAC