

**MAIL TO:**  
 WATER SUPPLY BRANCH  
 DIVISION OF ENVIRONMENTAL CONTROL  
 P.O. BOX 1401  
 DOVER, DELAWARE 19901

**STATE OF DELAWARE  
 DEPARTMENT OF NATURAL RESOURCES  
 AND ENVIRONMENTAL CONTROL**

WELL COMPLETION REPORT MUST  
 BE RETURNED 21 DAYS AFTER  
 CONSTRUCTION DATE

Ph 23-09 AH 28

**WELL COMPLETION REPORT**

PLEASE PRINT

PERMIT NO. 591098 LOCAL ID W1

OWNER USGS/Townsend, Inc

CONSTRUCTION DATE 2-28-85  TEST  PERMANENT

USE:  DOMESTIC  AGRICULTURAL  
 COMMERCIAL  INDUSTRIAL  
 IRRIGATION  PUBLIC  
 MONITOR  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 35

**CASING SEQUENCE**

1st	2nd	3rd	4th
<u>1.0</u>			
<u>2.0</u>			
<u>2</u>			
<u>PVC</u>			

JASING TOP \_\_\_\_\_  
 CASING BOTTOM \_\_\_\_\_  
 CASING DIAMETER \_\_\_\_\_  
 CASING MATERIAL \_\_\_\_\_

**SCREEN SEQUENCE**

1st	2nd	3rd	4th
<u>2.0</u>			
<u>2.5</u>			
<u>2</u>			
<u>PVC</u>			

SCREEN TOP \_\_\_\_\_  
 SCREEN BOTTOM \_\_\_\_\_  
 SCREEN DIAMETER \_\_\_\_\_  
 SCREEN MATERIAL \_\_\_\_\_

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 1.0 FEET  
 NON-GROUT BACKFILL OF WELL ANNULUS  
 TYPE \_\_\_\_\_ FROM N/A TO \_\_\_\_\_ FEET  
 GRAVEL PACK: TYPE \_\_\_\_\_ FEET  
 FROM 12.8 TO \_\_\_\_\_ FEET  
 STATIC WATER LEVEL: DATE 4/22/85  
12.8 FT. (Below) (above) GROUND SURFACE  
 PUMPING WATER LEVEL: \_\_\_\_\_ FT. BELOW GRADE  
 AFTER \_\_\_\_\_ HOURS AT \_\_\_\_\_ GPM.

**WELL HEAD COMPLETION:**  
 TYPE: PITLESS ADAPTOR   
 OTHER  PVC cap  
24 INCHES ABOVE GRADE.

**TYPE OF PERMANENT PUMP INSTALLED:**

PUMP MANUFACTURE N/A  
 RATED CAPACITY (GPM) \_\_\_\_\_  
 PUMP INTAKE SETTING \_\_\_\_\_ FT. BELOW GRADE

**THE COMPLETED WELL IS?**

YES  NO   
 A. AT LEAST 5' FROM ANY OVERHANG    
 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 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>dk br. silty sand</u>	<u>0</u>	<u>5</u>
<u>fine f. gr. sand</u>	<u>5</u>	<u>11</u>
<u>clayey f. gray sand</u>	<u>11</u>	<u>16</u>
<u>fine sand + silt</u>	<u>16</u>	<u>20</u>
<u>gray sand - coarser with depth</u>	<u>20</u>	<u>25</u>
<u>coarse sand + gravel</u>	<u>25</u>	<u>35</u>

SUPPLEMENTAL DRILLERS LOG ATTACHED YES  NO

PAGE 1 OF 1 PAGES DGS

COMPANY NAME \_\_\_\_\_

SIGNATURE OF DRILLER IN CHARGE: John L. Bonds DATE 6/6/85