

**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

BK

**WELL COMPLETION REPORT**

PLEASE PRINT

PERMIT NO. 81558 LOCAL ID 14

OWNER Garnet D'Marrow

CONSTRUCTION DATE 2/5/90  
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 83'

**CASING SEQUENCE**

|                 | INNER      | OUTER |
|-----------------|------------|-------|
| CASING TOP      | <u>2'</u>  |       |
| CASING BOTTOM   | <u>61'</u> |       |
| CASING DIAMETER | <u>4"</u>  |       |
| CASING MATERIAL | <u>PVC</u> |       |

**SCREEN SEQUENCE**

|                 | INNER      | OUTER |
|-----------------|------------|-------|
| SCREEN TOP      | <u>60'</u> |       |
| SCREEN BOTTOM   | <u>70'</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 50 FEET

NON-GROUT BACKFILL OF WELL ANNULUS

TYPE N/A FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET

GRAVEL PACK: TYPE MOTIC #1

FROM 50 TO 70 FEET

STATIC WATER LEVEL: DATE 2/5/90

5 FT. (Below, above) GROUND SURFACE

PUMPING WATER LEVEL: 30' FT. BELOW GRADE

AFTER \_\_\_\_\_ HOURS AT 50 GPM.

**WELL HEAD COMPLETION:**

TYPE: PITLESS ADAPTOR

OTHER  \_\_\_\_\_

12 INCHES ABOVE GRADE.

**TYPE OF PERMANENT PUMP INSTALLED:**

PUMP MANUFACTURE GOULDS

RATED CAPACITY (GPM) 10

PUMP INTAKE SETTING 40 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

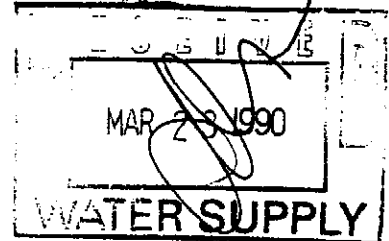
**THE NEAREST NEIGHBORS (CIRCLE ONE)**

SEPTIC TILE FIELD CESSPOOL OR PRIVY  
IS 100' FROM COMPLETED WELL.

IS COMPLETED WELL LOCATED AS SHOWN ON APPLICATION FORM?

IF NO, DESCRIBE LOCATION CHANGE OR OTHER COMMENTS.

Od41-01



| DRILLERS LOG DESCRIPTION            | TOP OF STRATA | BOTTOM OF STRATA |
|-------------------------------------|---------------|------------------|
| <u>Top soil</u>                     | <u>0</u>      | <u>2</u>         |
| <u>Diarg sand</u>                   | <u>2</u>      | <u>4</u>         |
| <u>White clay</u>                   | <u>4</u>      | <u>8</u>         |
| <u>red-coarse sand</u>              | <u>8</u>      | <u>33</u>        |
| <u>White sand w/ gravel</u>         | <u>8</u>      | <u>33</u>        |
| <u>red-coarse sand w/ gravel</u>    | <u>33</u>     | <u>65</u>        |
| <u>red to coarse sand w/ gravel</u> | <u>65</u>     | <u>73</u>        |
| <u>red orange red sand</u>          | <u>73</u>     | <u>80</u>        |
| <u>Gray clay</u>                    | <u>80</u>     | <u>83</u>        |

SUPPLEMENTAL DRILLERS LOG ATTACHED YES  NO

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COMPANY NAME Delmarva Drilling Co.

SIGNATURE OF DRILLER IN CHARGE: Melvin R. Miller DATE 2/5/90