

C1 0637 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A40237

DATE Received, DATE WELL COMPLETED, Depth of Well, PERMIT NO.

OWNER, STREET OR RFD, SUBDIVISION, SECTION, LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries for Top Soil, Brown Slate, Blue Slate, etc.

GROUTING RECORD WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth

OTHER CASING (if used) diameter, depth (feet)

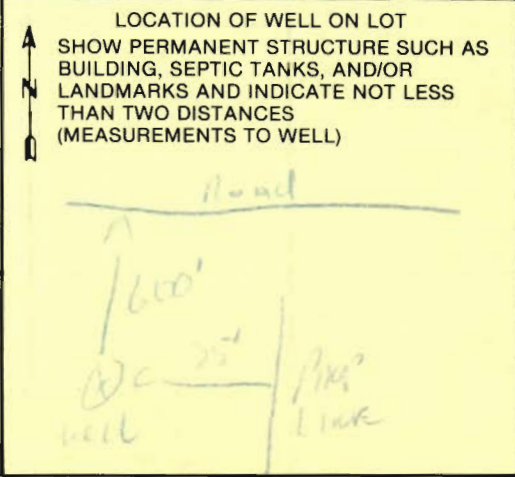
SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) table with handwritten values

SLOT SIZE, DIAMETER OF SCREEN, GRAVEL PACK

PUMPING TEST HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED

PUMP INSTALLED DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT



CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13

DRILLERS IDENT. NO., DRILLERS SIGNATURE

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

B 1 **7091** SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER

**40-88-0133**  
fill in this form completely

Date Received (APA)

**052088**

OWNER INFORMATION

**CARNEY ROBERT**  
Last Name Owner First Name  
**16539 A.E. MULLINIX RD**  
Street or RFD  
**WOODBINE MD 21797**  
Town State Zip

B 3

LOCATION OF WELL

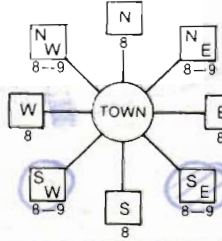
**HOWARD** COUNTY  
**ELORED Q WARKFIELD** SUBDIVISION  
SECTION **1** LOT **1**  
**LISBON** NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION

**Ralph MAYNE** License No. **273**  
Driller's Name  
**Ralph Mayne (Well Drilling)** Firm Name  
**9720 Brown Church rd. 1174ing** Address  
**Ralph Mayne 5/20/88** Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**A.E. Mullinix Rd.** NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST  EAST  
SOUTH  
DISTANCE FROM ROAD **6** FT OR MI  
ENTER FT OR MI

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**Howard** COUNTY NAME  
**A 40237** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S  
DATE ISSUED **081788** CO SIGNATURE **John E. Madigan 2-17-88** EXP. DATE  
NORTH GRID **540000** EAST GRID **0773000**

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)

**BORED** (or Augered) **JETTED** **Jetted & DRIVEN**  
**AIR-ROTary** AIR-PERcussion **ROTARY** (Hydraulic Rotary)  
**CABLE** **REVERSE-ROTary** **DRIVE-POINT**  
other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

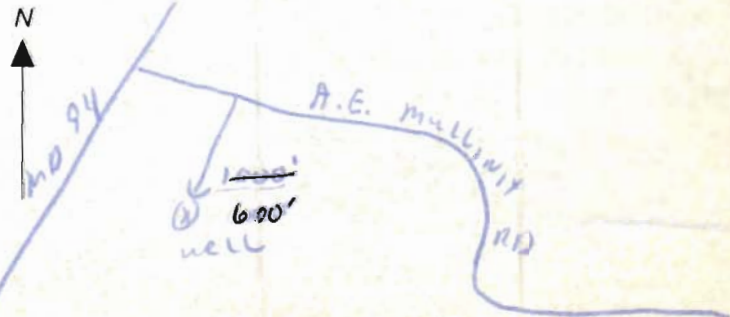
- 1. **well**
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



**10/25/88 1 PM** Well  
**5' Bag of cement**  
**21' Well casing**  
**19' Well grout**  
**1' casing above ground**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
  - THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
  - THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
  - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_

FORCE **LN** WRITE INITIALS IN BOX PERMIT NO. **40-88-0133**

SPECIAL CONDITIONS **H. 485-5060**  
**w: 662-6392**

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 Date 10/25/88

Review ok 2/13/89 CW

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 88-0133  
 Location of property (road) A.E. Mullinix Rd  
 Subdivision Eldred D. Warfield Lot 1 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 1  
 Well Driller Ralph Mayne Owner Carney, Robert

Depth of well 165 ft  
 Distance of measuring point (M.P.) above ground 1 ft  
 Static water level (S.W.L.) below M.P. 36 ft

**I. High rate pumping -- reservoir drawdown**

Time pump started 12:00 Pumping rate 96 G.P.M.  
 Total time 15 min to reach pumping water level 44 ft. below M.P.

**II. Recovery pump test data - observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:15	44 ft	7 sec	/	96 G.P.M.
12:30	44 ft	7 sec		96 G.P.M.
12:45	44 ft	7 sec		96 G.P.M.
1:00	44 ft	7 sec		96 G.P.M.
1:15	44 ft	7 sec		96 G.P.M.
1:30	44 ft	7 sec		96 G.P.M.
1:45	44 ft	7 sec		96 G.P.M.
2:00	44 ft	7 sec		96 G.P.M.
2:15	44 ft	7 sec		96 G.P.M.
2:30	44 ft	7 sec		96 G.P.M.
2:45	44 ft	7 sec		96 G.P.M.
3:00	44 ft	7 sec		96 G.P.M.
3:15	44 ft	7 sec		96 G.P.M.

21 ft total 190 gpm 5 Base

