

C1 05019 SEQUENCE NO. (MDE 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A57313

ST/CO USE ONLY DATE RECEIVED 10-12-98

DATE WELL COMPLETED 06 11 98

Depth of Well 340 (TO NEAREST FOOT)

PERMIT NO. FROM PERMIT TO DRILL WELL HO 94 1564

OWNER Catonsville Builders STREET OR RFD Rt. 97 TOWN Glenwood SUBDIVISION Devlin Prop. Sycamore Valley SECTION LOT 7

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sand, Sand Stone, Micka, Flint Rock, Micka.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 6, NO. OF POUNDS 600, GALLONS OF WATER 36, DEPTH OF GROUT SEAL 19 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6 inch, Total depth of main casing 21 feet.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole HO, insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 'WELL CONSTRUCTION'...

DRILLERS LIC. NO. M SD 116, DRILLERS SIGNATURE (Ralph M. ...), LIC. NO. M SD 116.

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

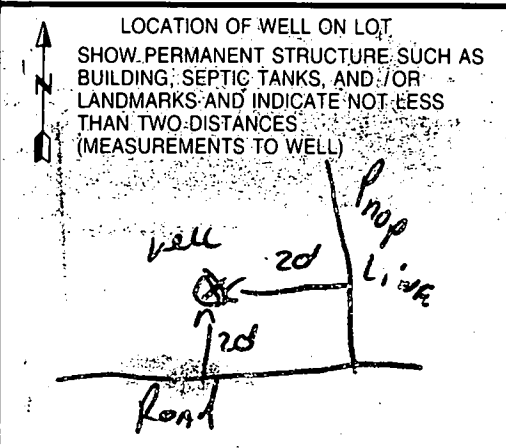
DEPTH (nearest ft.) HO 20 340, DIAMETER OF SCREEN (NEAREST INCH) 56 to 60.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 6 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 32 ft. before, 62 ft. when pumping.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED S (submersible), CAPACITY: GALLONS PER MINUTE 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH 43-47, CASING HEIGHT + above LAND SURFACE 1 (nearest foot).



B 1 07314

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HD-94-1564 fill in this form completely

Date Received (APA)

05/27/98

OWNER INFORMATION

CATOWSDILLE BUILDERS 9020 CHEYROLET DR. ELLICOTT CITY MD 21042

B 3

LOCATION OF WELL

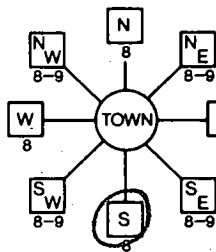
HOWARD COUNTY DEULIN PROPERTY GLENWOOD MILES FROM TOWN 1 MI

DRILLER INFORMATION

Ralph Mayne RALPH MAYNE WELL DRILLING 9120 BROWN CHURCH RD. W/ AING 5-26-98

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MD. 97 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1000 DISTANCE FROM ROAD

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 Co. A 57313 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 060298 4 M. Miller 6/2/99 CO SIGNATURE EXP. DATE NORTH GRID 525000 EAST GRID 790000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettied & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

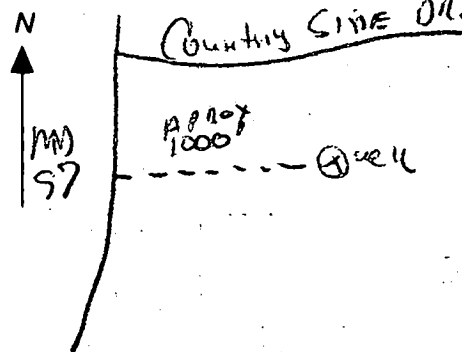
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

Box number 790 N 525

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 deepen an existing well

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER GAP

FORCE INITIALS IN BOX PERMIT No. HD-94-1564

SPECIAL CONDITIONS

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1564  
 Location of property (road) Rt. 97  
 Subdivision Deylin Prop Lot      Block      Plat      Sec.       
 Well Driller Ralph Mayre Owner Catonsville Bldrs.

Depth of well 340  
 Distance of measuring point (M.P.) above ground 14  
 Static water level (S.W.L.) below M.P. 324

I. High rate pumping -- reservoir drawdown

Time pump started 12:00 Pumping rate 12 GPM  
 Total time 15 min to reach pumping water level 62 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 <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
12:15	62 <u>14</u>	10 Sec		6 GPM	
12:30	62 <u>14</u>	10 Sec		6 GPM	
12:45	62 <u>14</u>	10 Sec		6 GPM	
1:00	62 <u>14</u>	10 "		6 "	
1:15	62 <u>14</u>	10 "		6 "	
1:30	62 <u>14</u>	10 "		6 "	
1:45	62 <u>14</u>	10 Sec		6 GPM	
2:00	62 <u>14</u>	10 Sec		6 GPM	
2:15	62 <u>14</u>	10 Sec		6 GPM	
2:30	62 <u>14</u>	10 "		6 "	
2:45	62 <u>14</u>	10 "		6 "	
3:00	62 <u>14</u>	10 Sec		6 GPM	
3:15	62 <u>14</u>	10 Sec		6 GPM	

\* CAN YOU PLEASE ARRANGE FOR THE WELL LINE TO BE INSPECTED TOMMORROW: 10/29/98?

29/10/98  
WPI AM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date 10/27/98

Name of Installer GREG C. FRYFOGLE PLUMBING, INC. Telephone 410-875-0300

License Number 9081  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner CATONSVILLE BLDGS Telephone 410-750-1200  
Subdivision SYCAMORE VALLEY Lot # 7 Well Tag # HO-94-1564  
Site Address 3756 Championship Drive

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>3/4</u>	1. Make <u>HAWARD</u>
a. Deep well jet _____	2. RPM _____	2. Model # <u>PT800</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>42"</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>JACUZZI</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # <u>SANOHANDER</u>		
4. Capacity <u>10</u> GPM		
5. Pump exceeds well capacity Yes <input checked="" type="checkbox"/> No _____		
6. If Yes, is low pressure cutoff switch installed? Yes <input checked="" type="checkbox"/> No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards <input checked="" type="checkbox"/> Other _____		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity <u>WK203</u>	1. Type <u>POLYETHYLENE</u>	1. Depth <u>340</u> ft.
2. Pressure relief valve? <u>YES</u>	2. Size <u>1"</u>	2. Yield <u>6</u> GPM
	3. NSF and/or BOCA Code approved <input checked="" type="checkbox"/>	3. Static water level _____ ft.
	4. Depth of supply line <u>42"</u>	4. Will water supply be disinfected by installer? <u>NO</u>

10/29/98  
WPI

well line p.A. 4.5' below grade  
well casing 1.04 above  
PVC conduit pipe installed  
2 piece well cap

\* NOT TO COVER

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 10/27/98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215 \* Left note for plumber to properly secure ground wire \*

