

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER  
WELL IS COMPLETED 06/26/99 SRH  
COUNTY NUMBER A47962

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HD 94-2442

MM 10 DD 28 YY 99  
8 13 15 20

22 200 26  
(TO NEAREST FOOT)

OWNER Malcolm Van  
STREET OR RFD Queen St TOWN Fulton  
SUBDIVISION MALCOLM PROPERTY SECTION      LOT 10

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR  
COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
TOP SOIL	0	2	
Shale clay	2	6	
brown Mica	6	53	
Mica	53	62	
Sand & Stone	62	63	✓
Mica	63	75	
Flint	75	76	✓
Mica	76	200	

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box) Y N  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT CM BENTONITE CLAY BC  
NO. OF BAGS 15 NO. OF POUNDS 1300  
GALLONS OF WATER 90  
DEPTH OF GROUT SEAL (to nearest foot)  
from 03 ft. to 55 ft.  
(enter 0 if from surface)

CASING RECORD

casing  
types  
insert  
appropriate  
code  
below  
ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER  
MAIN CASING TYPE  
Nominal diameter  
top (main) casing  
(nearest inch)!  
5.75 06 60  
60 61 63 64 66 70  
Total depth  
of main casing  
(nearest foot)

OTHER CASING (if used)

EACH CASING  
diameter depth (feet)  
inch from to

screen type  
or open hole

SCREEN RECORD

(insert  
appropriate  
code  
below)  
ST BR HO  
STEEL BRASS OPEN  
BRONZE HOLE  
PL OT  
PLASTIC OTHER

C 2

DEPTH (nearest ft.)

1 2  
HO 58 200  
E 8 9 11 15 17 21  
A 23 24 26 30 32 36  
C 3  
S 38 39 41 45 47 51  
R  
E  
E  
N  
SLOT SIZE 1      2      3     

DIAMETER  
OF SCREEN (NEAREST  
INCH)  
56 60  
from to

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

MDE USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)  
(E.R.O.S.) W Q

70 72 74 75 76  
TELESCOPE LOG  
CASING INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 15  
METHOD USED TO  
MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 27 ft.  
WHEN PUMPING 89 ft.  
TYPE OF PUMP USED (for test)  
A air P piston T turbine  
C centrifugal R rotary O other  
J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO  
(CIRCLE) (YES or NO)  
IF DRILLER INSTALLS PUMP, THIS SECTION  
MUST BE COMPLETED FOR ALL WELLS.  
TYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O)  
IN BOX 29. 29  
CAPACITY:  
GALLONS PER MINUTE  
(to nearest gallon) 31 35  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH  
(nearest ft.) 43 47  
CASING HEIGHT (circle appropriate box  
and enter casing height)  
+ above } LAND SURFACE  
- below } 02 (nearest  
foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES  
AND INDICATE NOT LESS THAN  
TWO DISTANCES  
(MEASUREMENTS TO WELL)

DRILLERS LIC. NO. M WD 0810  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. M WD 501

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

B 1 <b>16367</b> <small>1 2 3 6</small>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type	STATE PERMIT NUMBER <u>40-94-2442</u> <small>fill in this form completely</small>
Date Received (APA) <u>07 27 99</u> <small>8 MM DD YY 13</small>		OWNER INFORMATION RN <b>7938</b> B 3 <b>Howard</b> LOCATION OF WELL <b>CC#</b> <small>8 COUNTY 21</small> <b>Malcolm Property</b> <small>23 SUBDIVISION 42</small> SECTION <u>44</u> <u>46</u> LOT <u>10</u> <small>48 50</small> <b>Fulton</b> <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) <u>73</u> <u>76</u> <u>77</u> <u>78</u>	
DRILLER INFORMATION <b>George F. Easterday</b> M W D <b>040</b> <small>Driller's Name 76 License No. 81</small> <b>L. Franklin Easterday, Inc.</b> <small>Firm Name</small> <b>9265 Brown Church Rd., MT. Airv. Md. 21771</b> <small>Address</small> <b>George F. Easterday</b> <b>7/22/1999</b> <small>Signature Date</small>		B 4 <b>Queen Street</b> <small>11 NEAR WHAT ROAD 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH <input checked="" type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W WEST EAST 34 <b>550</b> 37 <small>DISTANCE FROM ROAD Ft.</small> ENTER FT OR MI <u>38</u> <u>39</u> TAX MAP: <u>41</u> BLK: <u>13</u> PARCEL <u>67</u>	
B 2 <b>WELL INFORMATION</b> APPROX. PUMPING RATE <u>5</u> <small>(GAL. PER MIN.) 8 12</small> AVERAGE DAILY QUANTITY NEEDED <u>500</u> <small>(GAL. PER DAY) 14 20</small>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>Howard</b> <b>47962</b> <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S <u>41</u> DATE ISSUED <u>09 17 99</u> <u>Mark S. R. P. Jr. 9/17/00</u> <small>43 MM DD YY 48 CO SIGNATURE EXP. DATE</small> NORTH GRID <u>483</u> <u>000</u> <u>55</u> EAST GRID <u>0821</u> <u>000</u> <u>63</u>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> I INDUSTRIAL, COMMERCIAL, DEWATERING <input type="radio"/> P PUBLIC WATER SUPPLY WELL <input type="radio"/> T TEST, OBSERVATION, MONITORING <input type="radio"/> G GEO-THERMAL		APPROXIMATE DEPTH OF WELL <u>300</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>6</u> INCH <small>NEAREST INCH</small> METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other _____	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> D THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <u>41</u> _____ <u>52</u> Not to be filled in by driller (MDE OR COUNTY USE ONLY)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>wells</u> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E <u>821</u> N <u>483</u> DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION MAP <u>18</u> <u>G3</u> 	
APPROP. PERMIT NUMBER <u>54</u> <u>GAP</u> <u>63</u> PERMIT NO. <u>40-94-2442</u> <small>70 71 72 73 74 75 76 77 78 79</small>		SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -	

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2442  
Location of property (road) Queen St  
Subdivision MALCOLM PROPERTY Lot 10 Block      Plat      Sec.       
Well Driller Easterday Owner Malcolm, Van  
Depth of well 260 106 Ph  
Distance of measuring point (M.P.) above ground 18"  
Static water level (S.W.L.) below M.P. 27'

Y. High rate pumping -- reservoir drawdown

Time pump started 10:15 Pumping rate 15 G.P.M.  
Total time \_\_\_\_\_ to reach pumping water level \_\_\_\_\_ ft. below M.P.

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

Pump 190

[illegible]

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

Time pump started \_\_\_\_\_ Pumping rate \_\_\_\_\_  
Total time \_\_\_\_\_ to reach pumping water level \_\_\_\_\_ ft. below M.P.

[illegible]



