

C1 00469		SEQUENCE NO. (OEP USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.			
1 2 3 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		6						COUNTY NUMBER A-34703			
DATE Received 8 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 13		DATE WELL COMPLETED 15 05 01 86 20		Depth of Well 03 22 340 26 (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-81-1413 28 29 30 31 32 33 34 35 36 37			
OWNER MARTIN		last name		first name ANDREW B.		TOWN FLORENCE		LOT 3			
STREET OR RFD		SUBDIVISION TIMBER LEIGH VILLAGE		SECTION 1		LOT 3					
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				GROUTING RECORD WELL HAS BEEN GROUTED Y N (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 4 NO. OF POUNDS 600 GALLONS OF WATER 30 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 18 ft. TOP BOTTOM (enter 0 if from surface)				C3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 15 WHEN PUMPING 11 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
DESCRIPTION (Use additional sheets if needed)				FEET FROM TO		Check if water bearing					
topsoil				0 1							
Red shale				1 4							
brown shale				4 8							
brown slate				8 65		OK					
blue slate				65 90							
brown slate				90 100							
blue slate				100 110							
brown slate				110 112							
blue slate				112 130							
brown slate				130 145							
blue slate				145 320							
blue slate w/ Flint				320 330							
blue slate				330 340							
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL				C2 1 2 DEPTH (nearest ft.) 1 40 19 340 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 EACH SCREEN SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA		PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 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 - below LAND SURFACE 50 (nearest foot) LOCATION OF WELL ON LOT A SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) ROAD well left property line					
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.											
DRILLERS IDENT. NO. 40 Henry J. Easterday DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Robert K. Buehner SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)											

B 1	0753	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 70 79 </div> fill in this form completely
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Date Received <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 8 13 </div> </div> <div style="width: 50%;"> OWNER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 15 34 </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 36 55 </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 57 76 </div> </div> </div>				
DRILLER INFORMATION Driller's Name: <u>George P. Easterday</u> Firm Name: <u>L. P. Easterday, Inc.</u> Address: <u>9265 Brown Ch. Rd., Mt. Airy, Md. 21771</u> Signature: _____ Date: <u>7/25/86</u> 77 License No. 80: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 77 80 </div>				
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 8 12 </div> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 14 20 </div>				
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				
APPROXIMATE DEPTH OF WELL: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 24 28 </div> FEET APPROXIMATE DIAMETER OF WELL: <u>6</u> INCH				
METHOD OF DRILLING (circle one) <div style="display: flex; justify-content: space-around;"> <u>BORED</u> (or Augered) <u>JETTED</u> Jettied & <u>DRIVEN</u> </div> <div style="display: flex; justify-content: space-around;"> <u>AIR-ROTARY</u> <u>AIR-PERCussion</u> <u>ROTARY</u> (Hydraulic Rotary) </div> <div style="display: flex; justify-content: space-around;"> <u>CABLE</u> <u>REVerse-ROTary</u> <u>Drive-POINT</u> </div> other: _____				
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input checked="" type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 41 52 </div>				
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 54 63 </div> FORCE: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 67 68 </div> WRITE INITIALS IN BOX: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 70 79 </div>				
SPECIAL CONDITIONS				

B 3	LOCATION OF WELL 8 COUNTY: <u>36740</u> 23 SUBDIVISION: _____ SECTION: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 44 46 </div> LOT: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 48 50 </div> 52 NEAREST TOWN: _____ MILES FROM TOWN (enter 0 if in town): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 73 78 </div>
B 4	DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD : _____ ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> NORTH <input type="checkbox"/> N <input type="checkbox"/> W <input type="checkbox"/> S <input type="checkbox"/> E </div> <div style="text-align: center;"> WEST <input type="checkbox"/> W <input type="checkbox"/> S <input type="checkbox"/> E </div> <div style="text-align: center;"> EAST <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W </div> <div style="text-align: center;"> SOUTH <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/> N </div> </div> DISTANCE FROM ROAD : <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 34 37 </div> ENTER FT or MI: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 38 39 </div>

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL	
COUNTY NAME: <u>HOWARD</u> OEP SIGNATURE: _____ DATE ISSUED: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 040786 </div> NORTH GRID: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 53 55 </div>	COUNTY NO.: <u>A-34703</u> STATE HEALTH INSERT S: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 41 </div> CO SIGNATURE: _____ EXP. DATE: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 000 000 </div>
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER: 1. <u>WELL</u> 2. <u>before I arrived</u> 3. <u>3:00 PM</u> WRITE THE BOX NUMBER FROM THE MAP HERE: <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> E 76/5 N 63/4 </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 000 000 </div> </div>	
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION <div style="text-align: center;"> </div>	

Page _____ of _____
Date _____

Review OK'd @ 7/21/88

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1413
Location of property (road) RT 94
Subdivision TIMBERLEIGH VILLAGE Lot 3 Block _____ Plat _____ Sec. 1
Well Driller GEORGE EASTERDAY Owner MARTIN, ANDREW B.

Depth of well 340 2 GPM
Distance of measuring point (M.P.) above ground 1 ft
Static water level (S.W.L.) below M.P. 65 ft

High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 12 GPM
Total time 1 hr 15 min to reach pumping water level 111 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	111 ft	15 sec		4 GPM
9:45	111 ft	15 sec		4 GPM
10:00	111 ft	15 sec		4 GPM
10:15	111 ft	15 sec		4 GPM
10:30	111 ft	15 sec		4 GPM
10:45	111 ft	15 sec		4 GPM
11:00	111 ft	15 sec		4 GPM
11:15	111 ft	15 sec		4 GPM
11:30	111 ft	15 sec		4 GPM
11:45	111 ft	15 sec		4 GPM
12:00	111 ft	15 sec		4 GPM
12:15	111 ft	15 sec		4 GPM
12:30	111 ft	15 sec		4 GPM
Date _____				
Pump set at 300 ft				
end 7/11/88				
Start 6:50				
46 drop				
Pumped 1 hr 15 min @ 12 GPM				
175 min				
X 8 = 1400				
600 gal				
400'				

Page _____ of _____
Date May 6, 1960

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - SI-14113
Location of property (road) Route 94
Subdivision Timberloch Village Lot 3 Block Plat Sec. 1
Well Driller George Eskidap Owner Andrew K. Martin

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

4. High rate pumping -- reservoir drawdown

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

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

[illegible]