

C1 18615

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY 05 20 13

DATE WELL COMPLETED MM DD YY 4-30-13

Depth of Well 22 320 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2511

OWNER Youngkins Larry last name first name TOWN Elkroth City SUBDIVISION Elkroth City, Grethelhurst SECTION LOT 57

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries like Top Soil, Brn Sand & Gravel, Brn Sand & Clay, etc.

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED YES NO Y N

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 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 M D 353

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 A W D 875

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO Y N 44 44 TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 44 NO. OF POUNDS 2200 GALLONS OF WATER 1100 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 320 ft.

CASING RECORD

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot) 60 61 63 64 66 70

OTHER CASING (if used)

Table with columns: E A C H C A S I N G, diameter inch, depth (feet) from to

SCREEN RECORD

screen type or open hole (insert appropriate code below) ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.)

Table with columns: E A C H S R E E N, 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 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

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

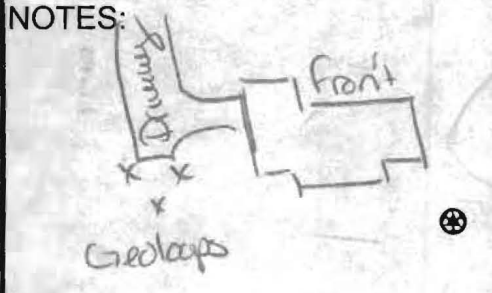
PUMPING TEST

HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) 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. 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 49 - below 49 LAND SURFACE (nearest foot) 50 51

LATITUDE 39.24910 LONGITUDE 76.89469 (DEFAULT COORD. WGS 84)

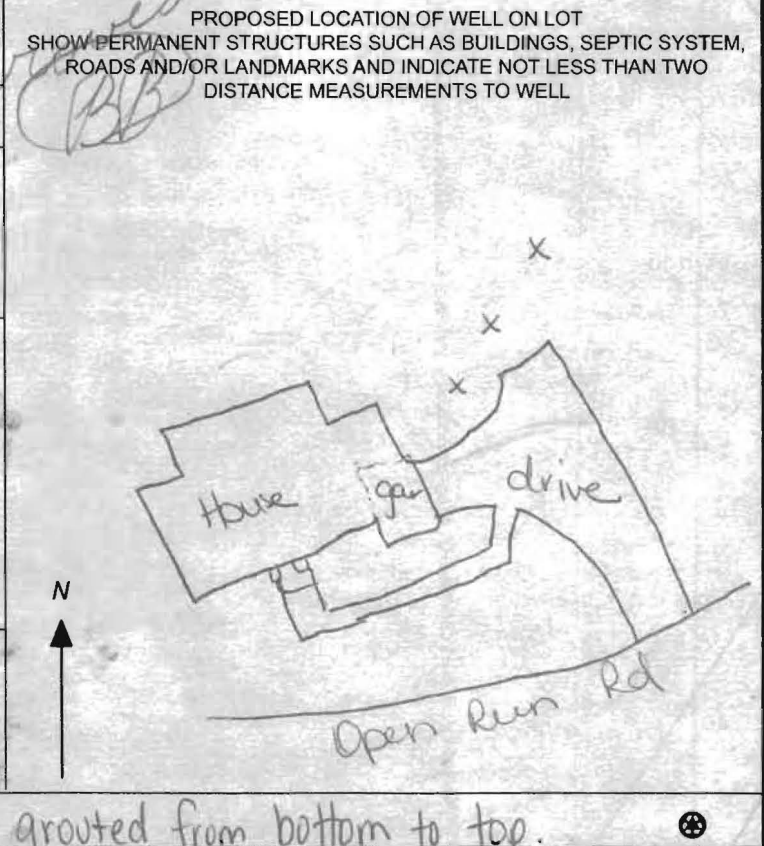


B 1	23575	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL <i>54459800</i> please type	STATE PERMIT NUMBER HO-95-2511 <small>fill in this form completely</small>
Date Received (APA) <u>03 25 13</u>		OWNER INFORMATION		
8 MM DD YY 13				
<u>Upkins</u>		Last Name		
<u>Larry</u>		First Name		
15		34		
<u>2001 Open Run Rd</u>		Street or RFD		
36		55		
<u>Ellicott City MD 21042</u>		Town State Zip		
57		76		
DRILLER INFORMATION				
<u>C. John Hess</u>		Driller's Name		
<u>MWD 553</u>		License No.		
76		81		
<u>Allied Environmental Svcs</u>		Firm Name		
<u>PO Box 129, Annapolite MD 20701</u>		Address		
<u>John Hess</u>		Signature		
<u>3/27/13</u>		Date		
B 2		WELL INFORMATION		
1 2		APPROX. PUMPING RATE (GAL. PER MIN.)		
		8 12		
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		14 20		
		31000 5/15/2013		
		320 5/15		
APPROXIMATE DEPTH OF WELL		FEET		
24 28				
APPROXIMATE DIAMETER OF WELL		NEAREST INCH		
6				
METHOD OF DRILLING (circle one)				
BORED (or Augered) JETTED Jetted & DRIVEN				
36 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)				
37 CABLE REVERSE-ROTary DRIVE-POINT				
other				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)				
39 <input checked="" 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 type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS				
<input type="checkbox"/> THIS WELL WILL DEEPEM AN EXISTING WELL				
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		41 52		
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROP. PERMIT NUMBER		G		
PERMIT No.		HO-95-2511		
		70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS		NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-		
		Wells must be grouted from bottom to top.		
		2 COUNTY		

B 3	LOCATION OF WELL		
<u>Howard</u>		8 COUNTY	
21			
<u>Gaither Hunt</u>		23 SUBDIVISION	
42			
SECTION <u>44 46</u>		LOT <u>59</u>	
48 50			
<u>Ellicott City</u>		52 NEAREST TOWN	
71			

B 4	SOURCES OF DRILLING WATER										
1. <u>Public</u>		12001 Open Run Rd									
2.		11 STREET ADDRESS 30									
3.		C. WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)									
		<table style="margin-left: auto; margin-right: auto;"> <tr><td>NORTH</td><td>N</td><td>EAST</td><td>E</td></tr> <tr><td>WEST</td><td>W</td><td>SOUTH</td><td>S</td></tr> </table>		NORTH	N	EAST	E	WEST	W	SOUTH	S
NORTH	N	EAST	E								
WEST	W	SOUTH	S								
		34 75 37									
		DISTANCE FROM ROAD									
		ENTER FT OR MI 38 39									
		TAX MAP: <u>0029</u> BLK: <u>0005</u> PARCEL <u>0021</u>									

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL			
<u>Howard</u>		COUNTY NAME	
13		COUNTY NO.	
STATE SIGNATURE		INSERT S →	
DATE ISSUED		41	
<u>04/24/2013</u>		<u>hjt</u> <u>4/24/14</u>	
43 MM DD YY 48		CO SIGNATURE EXP. DATE	



Lot 58: By review of this submittal, the Health Dept. Approves the depicted adjustment to the recorded sewage easement

1" = 50'

1250 Gal. Septic Tank
 Inv. In = 485.0
 Inv. Out = 484.7

Dist. Box
 Ex. Grd. = 487.6
 Inv. = 484.6

10' Public Tree Maintenance Esm't.

LOT 59
 41,489 sq ft

BASEMENT WILL NOT SEWER BY GRAVITY

By review of this submittal, Health Dept. Approves the depicted adjustment to the recorded sewerage esmt.

DORSCH FARM ROAD

10' Public Tree Maintenance Esm't.

RECEIVED

APR 24 2013

HOWARD COUNTY
 BUREAU OF ENVIRONMENT

