

(OK) = 1/12/1-5 MB

<b>C 1</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE TYPE	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 <b>13</b>

ST/CO USE ONLY DATE RECEIVED MM / DD / YY 8 / 19	DATE WELL COMPLETED MM - DD - YY 1 - 11 - 05	Depth of Well 22 <u>300</u> 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>FD-32-0174</u>
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OWNER Rowles, Benjamin  
 WELL SITE ADDRESS 75601 Frick Road Ct TOWN Woodlawn, MD  
 SUBDIVISION \_\_\_\_\_ SECTION \_\_\_\_\_ LOT \_\_\_\_\_

**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	
<u>Kp Soil</u>	<u>0</u>	<u>1</u>	
<u>Sandy Clay</u>	<u>1</u>	<u>60</u>	
<u>Soft Grey Rock</u>	<u>60</u>	<u>300</u>	

**GROUTING RECORD**    yes    no

WELL HAS BEEN GROUTED (Circle Appropriate Box)    **Y**    **N**

TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT **CM**    BENTONITE CLAY **BC**

NO. OF BAGS 42    NO. OF POUNDS 2100  
 GALLONS OF WATER 1050

DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 300 ft.  
 48 TOP 52 54 BOTTOM 58

**CASING RECORD**

(casing types - insert appropriate code below)

<b>ST</b> STEEL	<b>CO</b> CONCRETE
<b>PL</b> PLASTIC	<b>OT</b> OTHER

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)**

EACH CASING	diameter inch	depth (feet) from to

**SCREEN RECORD**

screen type or open hole (insert appropriate code below)

<b>ST</b> STEEL	<b>BR</b> BRASS BRONZE	<b>HO</b> OPEN HOLE
<b>PL</b> PLASTIC	<b>OT</b> OTHER	

**C 2**    DEPTH (nearest ft.)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED    yes    no  
 Y     N

CIRCLE APPROPRIATE LETTER  
 WHEN THIS WELL WAS COMPLETED

**A** A WELL WAS ABANDONED AND SEALED  
**E** ELECTRIC LOG OBTAINED  
**P** TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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 LIC. NO.: M D 510

DRILLERS SIGNATURE: Walter Wolf  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.: D

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

EACH CASING	DEPTH (nearest ft.)	
	1	2
1	8	11
2	15	17
3	23	24
4	26	30
5	32	36
6	38	39
7	41	45
8	47	51

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)  
 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 (CIRCLE) (YES or NO)    YES    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 (nearest foot)  
 - below }

LATITUDE 39.34630    ①

LONGITUDE 77.05814    ②

(DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code, personal info. requested on this form to be used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection, copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

39.34630  
77.05814

**B 1** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND STATE PERMIT NUMBER  
**APPLICATION FOR PERMIT TO DRILL WELL** **HO-22-0174**  
 please type *587908* fill in this form completely

**OWNER INFORMATION**  
 Date/Received (APA) *12/27/24*  
 8 MM DD YY 13  
 15 Last Name *Barlow* Owner *Benjamin* First Name 34  
 36 Street or RFD *15601 Thistle Downs Ct* 55  
 57 Town *Woodbine* Md State 70 Zip *21797* 76

**B 3** LOCATION OF WELL  
 8 COUNTY *Howard* 21  
 23 SUBDIVISION *Camden Downs Sec 1* 42  
 SECTION 44 46 LOT *1* 48 50  
 52 NEAREST TOWN *Woodbine* 71

**DRILLER INFORMATION**  
 76 Driller's Name *Wesley Wolfe* License No. 81 *MWD 598*  
 Firm Name *Allied Well Drilling*  
 Address *Po Box 79 Annapolis Indiv Md 20701*  
 Signature *Wesley Wolfe* Date *12/27/24*

**B 4** SOURCES OF DRILLING WATER  
 1. *PUBLIC*  
 2. *11/8/2025*  
 3. *At 140', set 75' of casing, some water coming out of sediment from driller*  
 11 STREET ADDRESS *15601 Thistle Downs Ct* 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 34 *87* 37 DISTANCE FROM ROAD *FT*  
 ENTER FT OR MI 38 39  
 TAX MAP: *0008* BLK: \_\_\_\_\_ PARCEL *0237*

**B 2** WELL INFORMATION  
 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

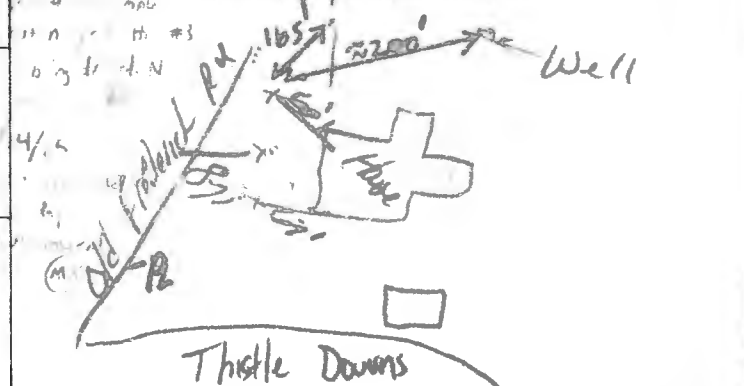
**USE FOR WATER (CIRCLE APPROPRIATE BOX)**  
 22  DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION *11/9/2025- Driller stated @ 240'*  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) *Big brook & waiting for mechin 2.*  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL *1/10/25*  
 TEST, OBSERVATION, MONITORING  
 OPEN LOOP GEOTHERMAL  
 CLOSED LOOP GEOTHERMAL *3 Coils*

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
 COUNTY NAME *Howard County* COUNTY NO. *13*  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED *11/8/2025* CO SIGNATURE *11/8/2025* EXP. DATE  
 43 MM DD YY 48  
*DON: 11/8/25 DOG: 1/10/25*

APPROXIMATE DEPTH OF WELL *300* FEET *1/13/25 h #*  
 APPROXIMATE DIAMETER OF WELL *3* NEAREST INCH

PROPOSED LOCATION OF WELL ON LOT  
 SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

**METHOD OF DRILLING (circle one)**  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 33 CABLE REVERSE-ROTary Drive-POINT  
 other \_\_\_\_\_



**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**  
 39  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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 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-22-0174**  
 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS** *Please Notify Office of Drilling + Grout*  
 NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

*Grout borehole from bottom to top.*

# FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
11/8/25	Received call from Contractor asking for status of well permit. Stated review has not started yet, but plan <del>is</del> meets setbacks. Driller wanted to meet onsite to verify well stakes.
	10:30 AM - met onsite w/ driller. All geobores staked per plan. Measured distances w/ driller while onsite. Told driller proposal looks approvable, driller will need to wait for permit to be released later in day. Told driller OK to start drilling once they receive permit & well tag. (S)

A B  
 67 68  
 69 63  
 75 60

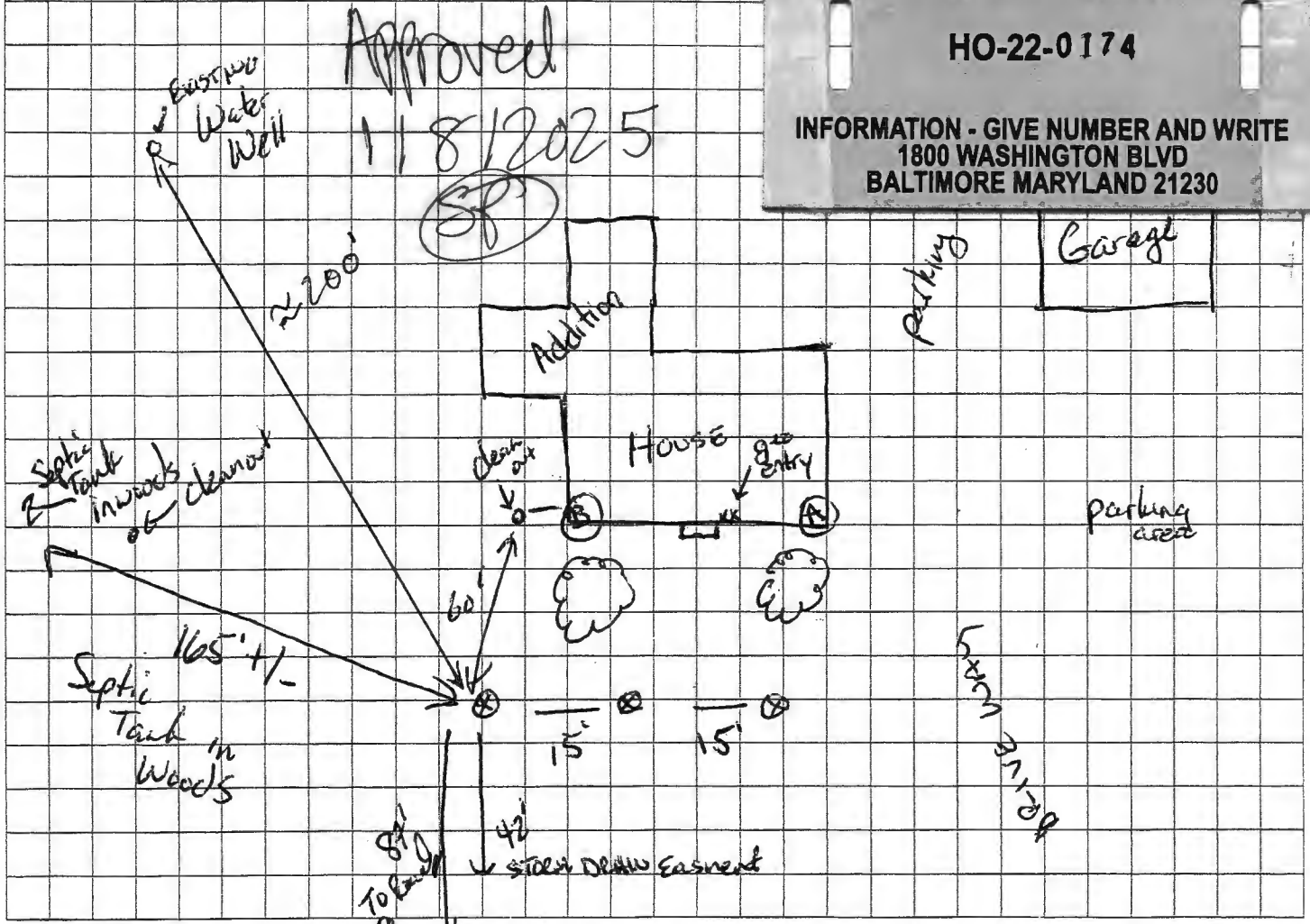


15601 Thistle Downs Court  
 Woodbine MD  
 3 wells @ 300' each  
 Closed loop geothermal

**SITE PLAN**

REAR

DO NOT REMOVE THIS TAG  
 DEPARTMENT OF THE ENVIRONMENT  
 WELL PERMIT NUMBER  
 HO-22-0174  
 INFORMATION - GIVE NUMBER AND WRITE  
 1800 WASHINGTON BLVD  
 BALTIMORE MARYLAND 21230



Approved  
 1/8/2025  
 (SP)

Sediment Control Protocol: SILT FENCE

Distance From House: 60'  
 From Septic: 150' +  
 From Sewer: 60' to Septic Tank @ house  
 From Property Line: 42' TO Flow Eastment  
 From Street: 87'

Trees Nearby: For Tranching  
 Utility Issues: NO  
 Mats Needed: YES  
 Access For H/U: YES  
 Neighboring Tags: See Corps

Comments: \_\_\_\_\_

Person Completing Form: Wes Wolf