

C1 46439

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED 02/11/2020

DATE WELL COMPLETED 02 19 2020 Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-18-0193

OWNER Heritage Land Development WELL SITE ADDRESS 2620 Mullinix Mill Rd TOWN Mt Airy SUBDIVISION McAlister Property SECTION LOT 3

WELL LOG Table with columns: DESCRIPTION (Soil, Brown Clay, Brown shale, Med Gray Rock), FEET (FROM, TO), check if water bearing.

GROUTING RECORD Form: WELL HAS BEEN GROUTED Well (Y), TYPE OF GROUTING MATERIAL (CM, BENTONITE CLAY BC), NO. OF BAGS 12, NO. OF POUNDS 900.

CASING RECORD Form: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter top (main) casing 6, Total depth of main casing 35.

OTHER CASING (if used) Form: diameter inch, depth (feet) from to.

SCREEN RECORD Form: screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

DEPTH (nearest ft.) Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76.

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

PUMPING TEST Form: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 4.62, METHOD USED TO MEASURE PUMPING RATE Water/Beaker, WATER LEVEL (distance from land surface) BEFORE PUMPING 58 ft, WHEN PUMPING 152 ft, TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED Form: DRILLER INSTALLED PUMP (YES or NO), 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 LAND SURFACE (nearest foot) 49 50 51.

LATITUDE 39.29897 LONGITUDE 77.14565 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed.

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED 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 W D 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. WRD 113

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

**B 1** SEQUENCE NO. (MDE USE ONLY) **67942** STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER **Ho-18-0193**  
fill in this form completely

**OWNER INFORMATION**

8 MM DD YY 13  
 15 Last Name Owner First Name 34  
**Heritage Land Development**  
 36 Street or RFD 55  
**Po Box 482**  
 57 Town 70 State 72 Zip 76  
**Lisbon MD 21765**

**B 3 LOCATION OF WELL**

8 COUNTY **Howard** 21  
 23 SUBDIVISION **McAlister Property** 42  
 SECTION **3** LOT **3**  
 44 48 48 50  
 52 NEAREST TOWN **Mt Airy** 71

**DRILLER INFORMATION**

Driller's Name **Michael Barlow** MW D 355 76 License No. 81  
 Firm Name **Barlow Well Drilling**  
 Address **522 Underwood Lane 21014**  
 Signature **[Signature]** Date **3-17-20**

**B 4 SOURCES OF DRILLING WATER**

11 STREET ADDRESS **Mullinix Mill Road** 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 34 **250** 37 DISTANCE FROM ROAD **FT**  
 ENTER FT OR MI 38 39  
 TAX MAP: **12** BLK: **16** PARCEL **72**

1. Well  
 2. Bentonite + cement  
 3. 4.5 gpm  
 Static 58'  
 level 152'  
 Pump level 290'

**B 2 WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **750**  
 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 OPEN LOOP GEOTHERMAL  
 CLOSED LOOP GEOTHERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME **Howard** COUNTY NO. **21**  
 STATE SIGNATURE **[Signature]** INSERT S →  
 DATE ISSUED **03/23/2020** 43 MM DD YY 48  
 CO SIGNATURE **[Signature]** EXP. DATE **03/23/2021** 41  
 DON: 5/14/20 (S) DOG: 5/14/20 (S) DOY: 3/11/20 (S)

APPROXIMATE DEPTH OF WELL **300** FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL **6** INCH  
 NEAREST

**METHOD OF DRILLING (circle one)**

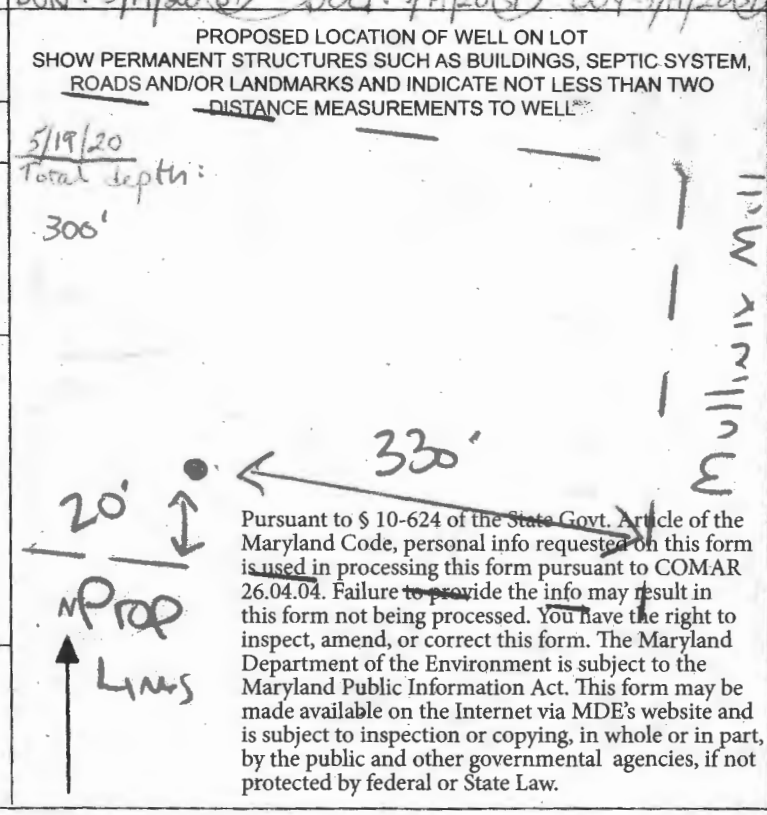
BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVerse-ROTary Drive-POINT  
 other

**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-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)**

APPROX. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
 PERMIT No. **Ho-18-0193**  
 70 71 72 73 74 75 76 77 78 79



Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is 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 or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.



HOWARD COUNTY HEALTH DEPARTMENT

67353

DATE 3/19/20

Received From Michael Barlow Well PHONE #

Drilling Service, Inc

CASH CHECK NO. 1831

For Well Permits (2) McAlister Property - Lot 3+4

Three Hundred Twenty Dollars

\$ 320.00

Received By CM Youmans



**MICHAEL BARLOW WELL DRILLING & SERVICE, INC.**

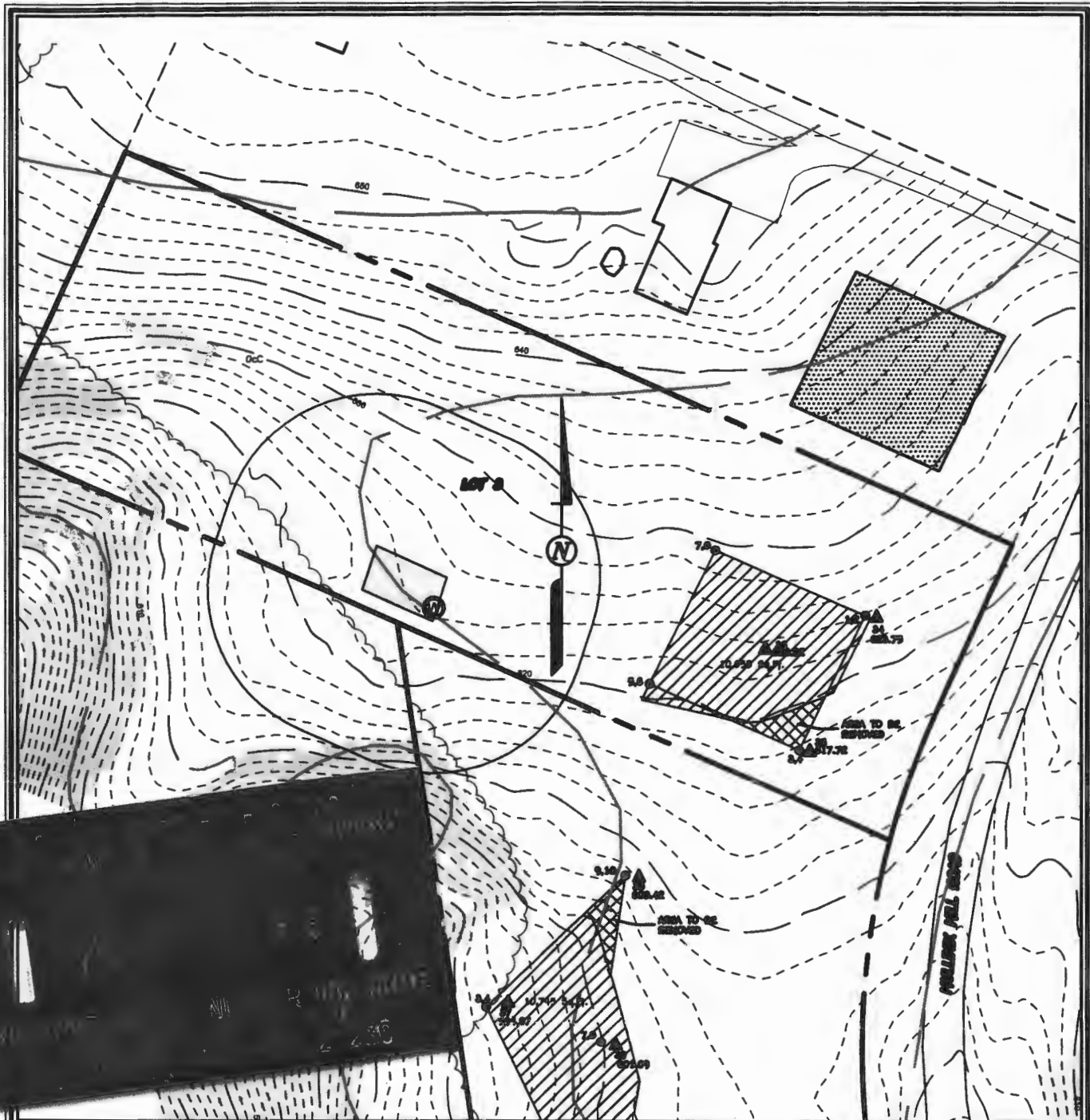
522 Underwood Lane  
(410) 838-6910

Bel Air, Maryland 21014  
Fax (410) 838-3582

**WELL YIELD REPORT**

|                      |                           |
|----------------------|---------------------------|
| Date Test Completed: | May 19, 2020              |
| Well Depth:          | 300 feet                  |
| Customer             | Heritage Land Development |
| Road                 | 2620 Mullinix Mill Rd     |
| City                 | Mt. Airy                  |
| State                | Maryland                  |
| Permit #             | HO-18-0193                |
| Subdivision          | McAlister Property        |
| Section              |                           |
| Lot #                | 3                         |

| Time  | Water Level feet | Time to Fill 1-gallon bucket seconds | G.P.M. |
|---|------------------|--------------------------------------|--------|
| 12:00 PM  | 58               | 4                                    | 15.00  |
| 12:15 PM  | 108              | 4                                    | 15.00  |
| 12:30 PM  | 149              | 11                                   | 5.45   |
| 12:45 PM  | 152              | 13                                   | 4.62   |
| 1:00 PM   | 152              | 13                                   | 4.62   |
| 1:15 PM   | 152              | 13                                   | 4.62   |
| 1:30 PM   | 152              | 13                                   | 4.62   |
| 1:45 PM   | 152              | 13                                   | 4.62   |
| 2:00 PM   | 152              | 13                                   | 4.62   |
| 2:15 PM   | 152              | 13                                   | 4.62   |
| 2:30 PM   | 152              | 13                                   | 4.62   |
| 2:45 PM   | 152              | 13                                   | 4.62   |
| 3:00 PM   | 152              | 13                                   | 4.62   |
| 3:15 PM   | 152              | 13                                   | 4.62   |
| 3:30 PM   | 152              | 13                                   | 4.62   |
| 3:45 PM   | 152              | 13                                   | 4.62   |
|   |                  |                                      |        |
|   |                  |                                      |        |
|   |                  |                                      |        |
| This yield test report is for informational purposes only. Please note the yield may increase or decrease over time and the GPM indicated above is not a guarantee. |                  |                                      |        |



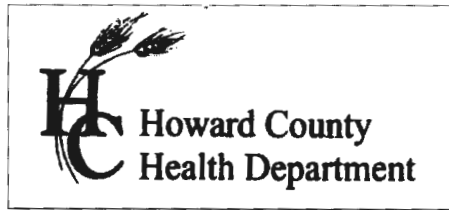
2620 MULLINX MILL  
 APPROVED 03/23/2020 @ 200197  
 HO-18-0193  
 STAKED BY FCC

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 33 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2955

**WELL EXHIBIT  
 McALISTER PROPERTY**

**LOT 3**  
 TAX MAP No. 12 GRID No. 16 PARCEL No. 72  
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE 1"=100' DATE: FEBRUARY 25, 2020

2620 MULL. MILL



8930 Stanford Blvd, Columbia MD 21045  
 (410) 313-6300 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.askhealth@howardcountymd.gov

Bert Nixon, Director

**TO ALL INTERESTED PARTIES**

When submitting a well application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

|                           |       |                    |
|---------------------------|-------|--------------------|
| McAlister Property        | 3     | Mullinix Mill Road |
| Subdivision/Property Name | Lot # | Road Name          |

The well site has been staked by Fisher, Collins and Carter,  
 (professional land surveyor or company employing professional land surveyors)  
 on 12/06/19 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.