

C1 - 60838

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER 13

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 7-7-2022 APPROVED Depth of Well 22 ft

PERMIT NO. FROM "PERMIT TO DRILL WELL" 170-20-0200

OWNER, WELL SITE ADDRESS, SUBDIVISION, SECTION, TOWN, LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries like 'Brown shale sand stone' and '295 ft WATER'.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE (PL), Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 41.

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

SCREEN RECORD: screen type or open hole, insert appropriate code below, DEPTH (nearest ft.) 70, 440.

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

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.

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...

DRILLERS LIC. NO. MJD 27, DRILLERS SIGNATURE, LIC. NO. D

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

DEPTH (nearest ft.) table with columns 1-21, 23-36, 38-51, SLOT SIZE 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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED (nearest hour) 6, PUMPING RATE (gal. per min.) 1.4, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 67 ft, WHEN PUMPING 281 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 (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.) 49, 47, CASING HEIGHT (circle appropriate box and enter casing height) above, LAND SURFACE (nearest foot) below.

LATITUDE 39.23305, LONGITUDE 76.93105 (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. 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.

B 1 2 3 4 5 6
25266

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-20-0206
fill in this form completely

572060 please type

Date Received (ARA)

06/24/22
8 MM DD YY 13

OWNER INFORMATION

15 Last Name Corney Owner First Name Dave 34
36 Street or RFD 11808 Chapel Belle Way 55
57 Town Clarksville Md 70 State Md 72 Zip 21029 76

B 3 LOCATION OF WELL

8 COUNTY Howard 21
23 SUBDIVISION Chapel Woods 42
SECTION 44 46 LOT 15 48 50
52 NEAREST TOWN Clarksville Md. 21029 71

DRILLER INFORMATION

Driller's Name Larry Mays 76 License No. M 5 D 027 81
Firm Name Mays Well Drilling LLC
Address 6501 Buffalo Rd Mt Airy MD 21771
Signature Larry Mays 6-24-2022 Date

B 4 SOURCES OF DRILLING WATER

1. well
2. 7/1/22
3. 1.4 GPM
Static 07'
level 28'
pump 410'
10 bags cement

11808
Chapel Belle Way 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 110 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39

B 2 WELL INFORMATION

1 2 APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

TAX MAP: _____ BLK: _____ PARCEL _____

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

Howard COUNTY NAME COUNTY NO. 13
STATE SIGNATURE _____ INSERT S → 41
DATE ISSUED 06/24/22 Jason Thomas CO SIGNATURE 06/24/22 EXP. DATE
43 MM DD YY 48

DOB: 6/27/22 (S) DOB: 7/1/22 (S) DOB: 7/1/22 (S)

APPROXIMATE DEPTH OF WELL 300 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

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)

- 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

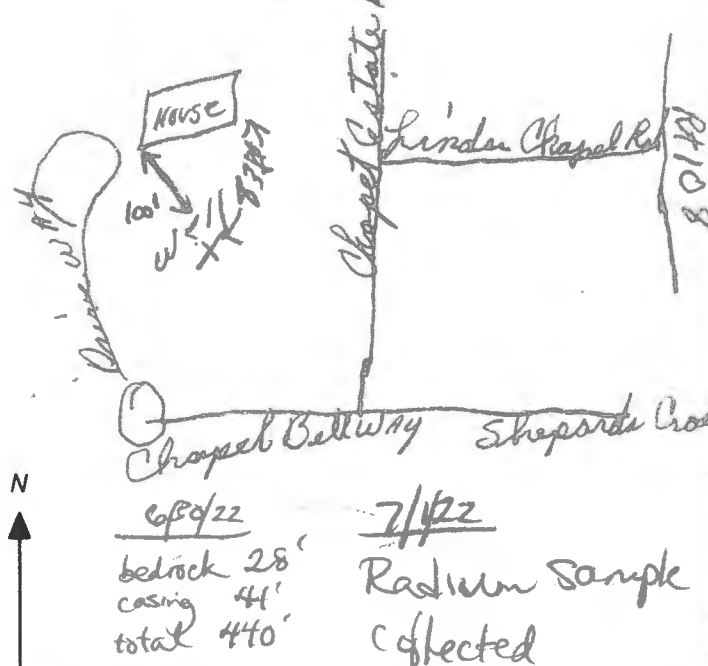
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ G _____

PERMIT No. HO-20-0200
70 71 72 73 74 75 76 77 78 79

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



SPECIAL CONDITIONS

RADIUM SAMPLE REQUIRED

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 20-0200
 Location of property (road) 11808 Chapel Belle Way
 Subdivision Chapel Woods Lot 15 Block _____ Plat _____ Sec. _____
 Well Driller Randy Mays Owner Dave Carney

Depth of well 440
 Distance of measuring point (M.P.) above ground _____
 Static water level (S.W.L.) below H.P. 67¹

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 15
 Total time 50 min. to reach pumping water level 281 ft. below H.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below H.P.	PUMPING RATE time to fill <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	67	4 sec		15
8:00	198	4 sec		15
8:15	281	4 sec		15
8:30	281	4/1 sec		1.4
8:45	281	4/1 sec		1.4
9:00	281	4/1 sec		1.4
9:15	281	4/1 sec		1.4
9:30	281	4/1 sec		1.4
9:45	281	4/1 sec		1.4
10:00	281	4/1 sec		1.4
10:15	281	4/1 sec		1.4
10:30	281	4/1 sec		1.4
10:45	281	4/1 sec		1.4
11:00	281	4/1 sec		1.4
11:15	281	4/1 sec		1.4
11:30	281	4/1 sec		1.4
11:45	281	4/1 sec		1.4
12:00	281	4/1 sec		1.4
12:15	281	4/1 sec		1.4
12:30	281	4/1 sec		1.4
12:45	281	4/1 sec		1.4
1:00	281	4/1 sec		1.4
11:15	281	4/1 sec		1.4
11:30	281	4/1 sec		1.4



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Maura J. Rossman, M.D., Health Officer

September 12, 2024

RE: Replacement Well Sampling & Abandonment

Dave Carney
11808 Chapel Bells Way
Clarksville, MD 21029
Well Permit # HO-20-0200

Dear Dave Carney,

According to our records, your replacement well was completed 8/28/2022. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand. You will also need to test for Gross Alpha and Gross Beta due to well construction in the Baltimore Gneiss Formation.

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office. If you have any further questions, you can call me at 410-313-1789. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

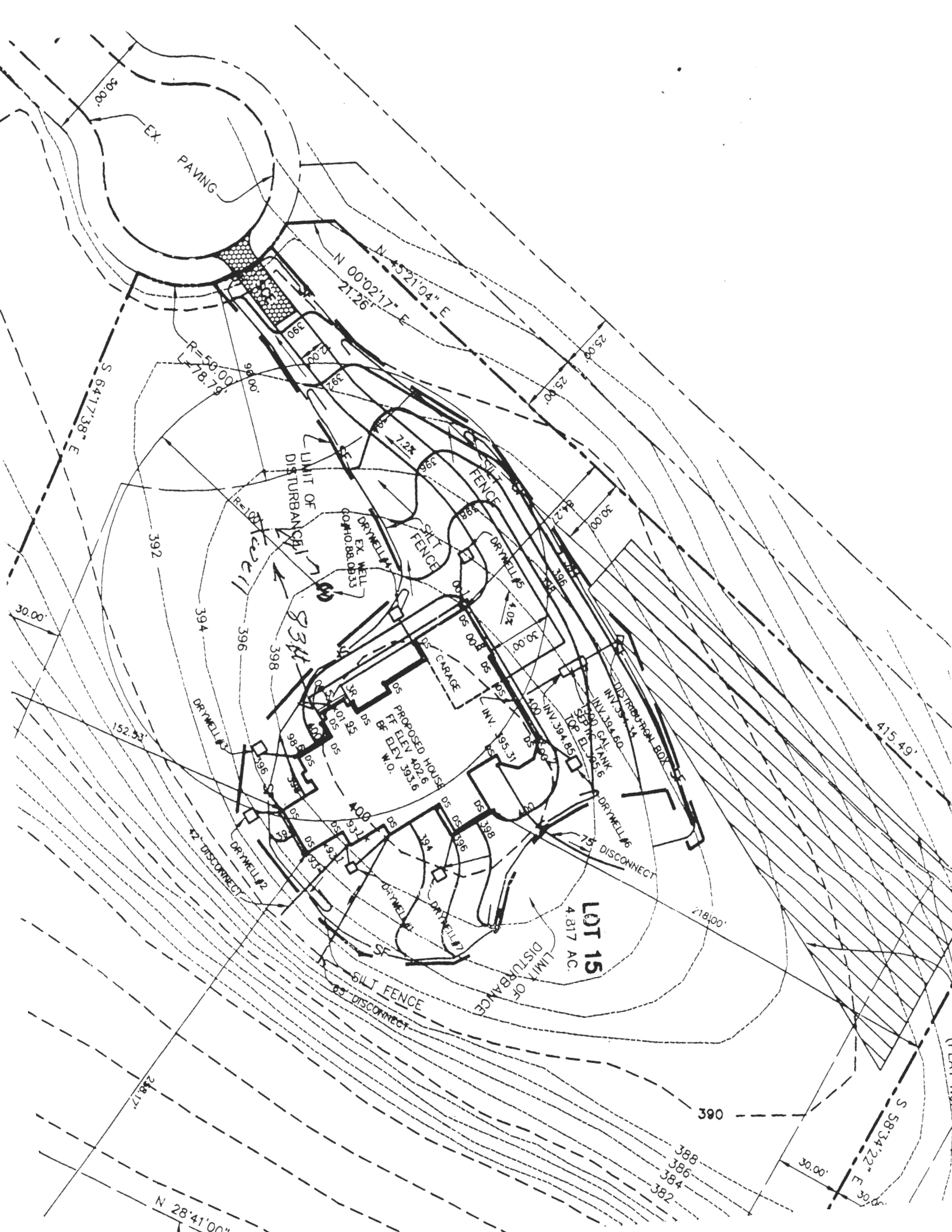
Additionally, a condition of the well drilling permit was the proper abandonment and sealing of the old well. Sealing of the well protects the groundwater in your area from contamination and is required per COMAR 26.04.04. The well sealing process must be performed by a licensed well driller. The driller sends an abandonment/sealing report to our office and to the Maryland Department of the Environment upon completion.

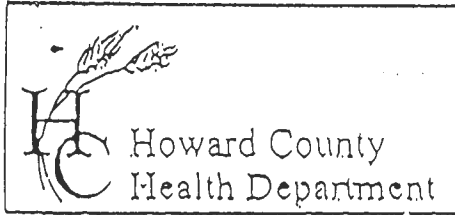
If you have any questions or would like to discuss these matters further, please call me at (410) 313-1789. Thank you for your attention to these important matters.

Respectfully,

A handwritten signature in black ink, appearing to read 'Shepsura Page', is located below the 'Respectfully,' text.

Shepsura Page
Environmental Health Specialist
Howard County Health Department
Well and Septic Program





7178 Columbia Gateway Drive, Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

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

Well Site Location:

<u>Dave Corney</u>	<u>15</u>	<u>11808 Chapel Bellway</u>
Subdivision/Property Name	Lot#	Road Name

The well site has been staked by Wayne Well Drilling LLC
 (professional land surveyor or company employing professional land surveyor)
 on 6-23-2022 (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.

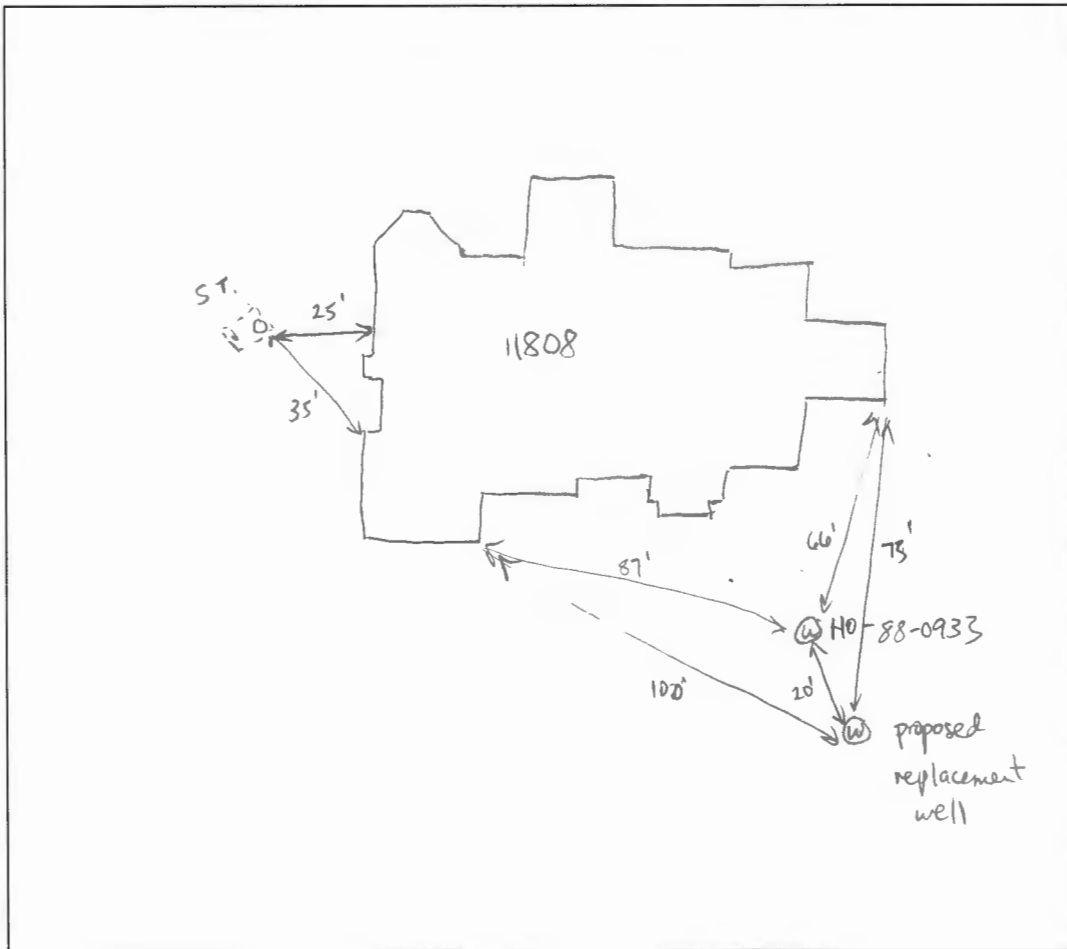
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

SITE INSPECTION SHEET

OWNER: Dave Carney PHONE #: _____
ADDRESS: 11808 Chapel Bells Way CONTRACTOR: Mayne
WELL TAG #: H0-20-0200
SUBDIVISION: Chapel Woods LOT: 15 COUNTY #: 13
PROPOSAL: emer. rep. well - current well is low on water

LOCATION DIAGRAM



COMMENTS: new well location >100' from surrounding septic

DATE: 6/24/22 INSPECTOR: Auden Thomas