

**ST/CO USE ONLY** **DATE RECEIVED** **DATE WELL COMPLETED** **Depth of Well** **PERMIT NO. FROM "PERMIT TO DRILL WELL"**  
 MM DD YY MM DD YY 22 (3) - 380 26 **HO-70-0024**  
 8 11 13 15 28 22 20 (TO NEAREST FOOT) 28 29 30 31 32 33 34 35 36 37

**OWNER** ROBERT SHAWN **WELL SITE ADDRESS** 3573 BLACKBERRY LN **TOWN** ELLEBT CITY  
**SUBDIVISION** Blue Hill **SECTION** 11 **LOT** 12

**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	
soft brown	0	52	
hard gray rock	52	75	
med gray rock	75	76	
hard gray rock	76	140	
med gray rock	140	141	
hard limestone	141	320	

**GROUTING RECORD**  yes  no

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 44 44

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

NO. OF BAGS 20 NO. OF POUNDS 1600  
 GALLONS OF WATER 770

DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 320 ft.  
 48 TOP 52 54 BOTTOM 58  
 (enter 0 if from surface)

**CASING RECORD**

circle casing types insert appropriate code below

**ST** STEEL **CO** CONCRETE  
**PL** PLASTIC **OT** 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)**  
 diameter inch depth (feet) from to

**SCREEN RECORD**

circle screen type or open hole insert appropriate code below

**ST** STEEL **BR** BRASS **HO** OPEN HOLE  
**PL** PLASTIC **OT** OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED  yes  no **Y** **N**

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MWD 304  
 DRILLERS SIGNATURE [Signature]  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. MWD 107

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

**C 2** **DEPTH (nearest ft.)**

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
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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

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 36

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

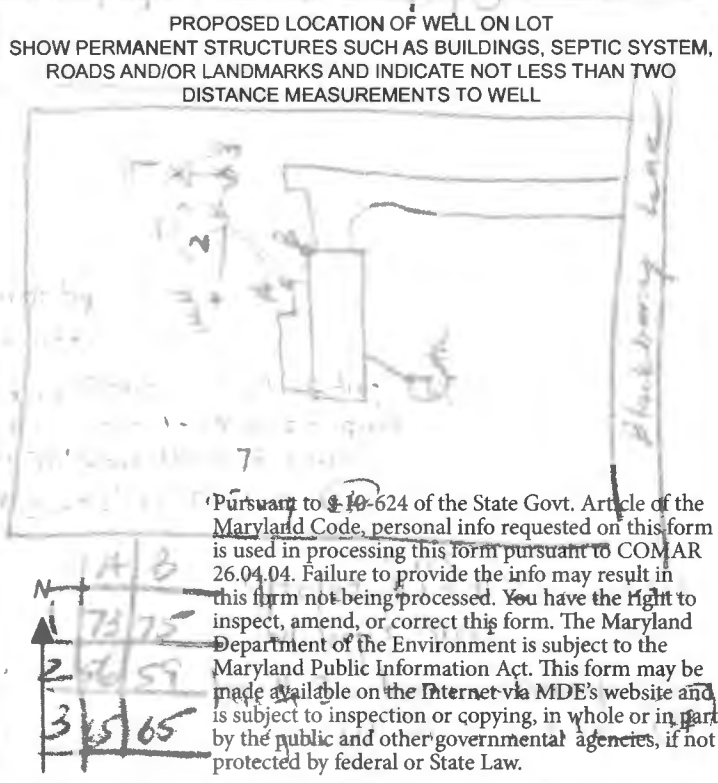
**+** above **-** below (nearest foot)

LAND SURFACE 49 51

LATITUDE 3  
 LONGITUDE 7  
 (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>B 1</b>	SEQUENCE NO. (MDE USE ONLY) <u>7375</u>	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type	STATE PERMIT NUMBER <u>HO - 70 - 0224</u> <small>fill in this form completely</small>
1 2 3 6	<b>OWNER INFORMATION</b> Date Received (ARA) <u>08/02/22</u> 8 MM DD YY 13 15 <u>Roehrig Shawn</u> Last Name Owner First Name 34 36 <u>3572 Blackberry Lane</u> Street or RFD 55 57 <u>Ellicott City MD 21042</u> Town 70 State 72 Zip 76		<b>B 3</b> LOCATION OF WELL <u>Howard</u> 8 COUNTY 21 <u>Briar Hill</u> 23 SUBDIVISION 42 SECTION <u>44</u> 46 LOT <u>12</u> 50 <u>Ellicott City</u> 52 NEAREST TOWN 71
<b>DRILLER INFORMATION</b> <u>David Kelly</u> Driller's Name MW D304 76 License No. 81 <u>Jones Well Drilling</u> Firm Name <u>3700 Rush Rd. Taneyville MD 21084</u> Address <u>David Kelly 7/15/22</u> Signature Date		<b>B 4</b> SOURCES OF DRILLING WATER 1. <u>3572 Blackberry Lane</u> 11 STREET ADDRESS 30 2. <u>private well</u> 3. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> NORTH <input type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH 34 <u>309</u> 37 DISTANCE FROM ROAD ENTER FT OR MI <u>FT</u> 38 39 TAX MAP: <u>0022</u> BLK: _____ PARCELSITE	
<b>B 2</b>	<b>WELL INFORMATION</b> APPROX. PUMPING RATE (GAL. PER MIN.) <u>0</u> 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>0</u> 14 20		<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <u>HOWARD</u> COUNTY NAME STATE SIGNATURE _____ DATE ISSUED <u>08/05/2022</u> 43 MM DD YY 48 EXP. DATE <u>08/05/2023</u> 41 CO SIGNATURE _____ <small>INSERT S →</small>
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input checked="" type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> OPEN LOOP GEOTHERMAL <input type="checkbox"/> CLOSED LOOP GEOTHERMAL			
APPROXIMATE DEPTH OF WELL <u>300</u> FEET 24 28		APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST INCH	
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN 30 AIR-ROTary <u>AIR-PERCussion</u> ROTARY (Hydraulic Rotary) 37 CABLE <u>REverse-ROTary</u> Drive-POINT other _____			
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <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 39 <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			
<b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b>			
APPROP. PERMIT NUMBER _____ <u>G</u> _____ PERMIT No. <u>HO-70-0224</u> 70 71 72 73 74 75 76 77 78 79			
<b>SPECIAL CONDITIONS</b> <small>NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			



Revised 1/18/84 J. Nastasi

BRIAR HILL LOT #12  
JOE NASTASI  
464 KENILWORTH CT.  
GLEN BURNIE MD 21061  
301-969-8415

N  
SCALE 1"=40'

357.2 Blackberry Lane

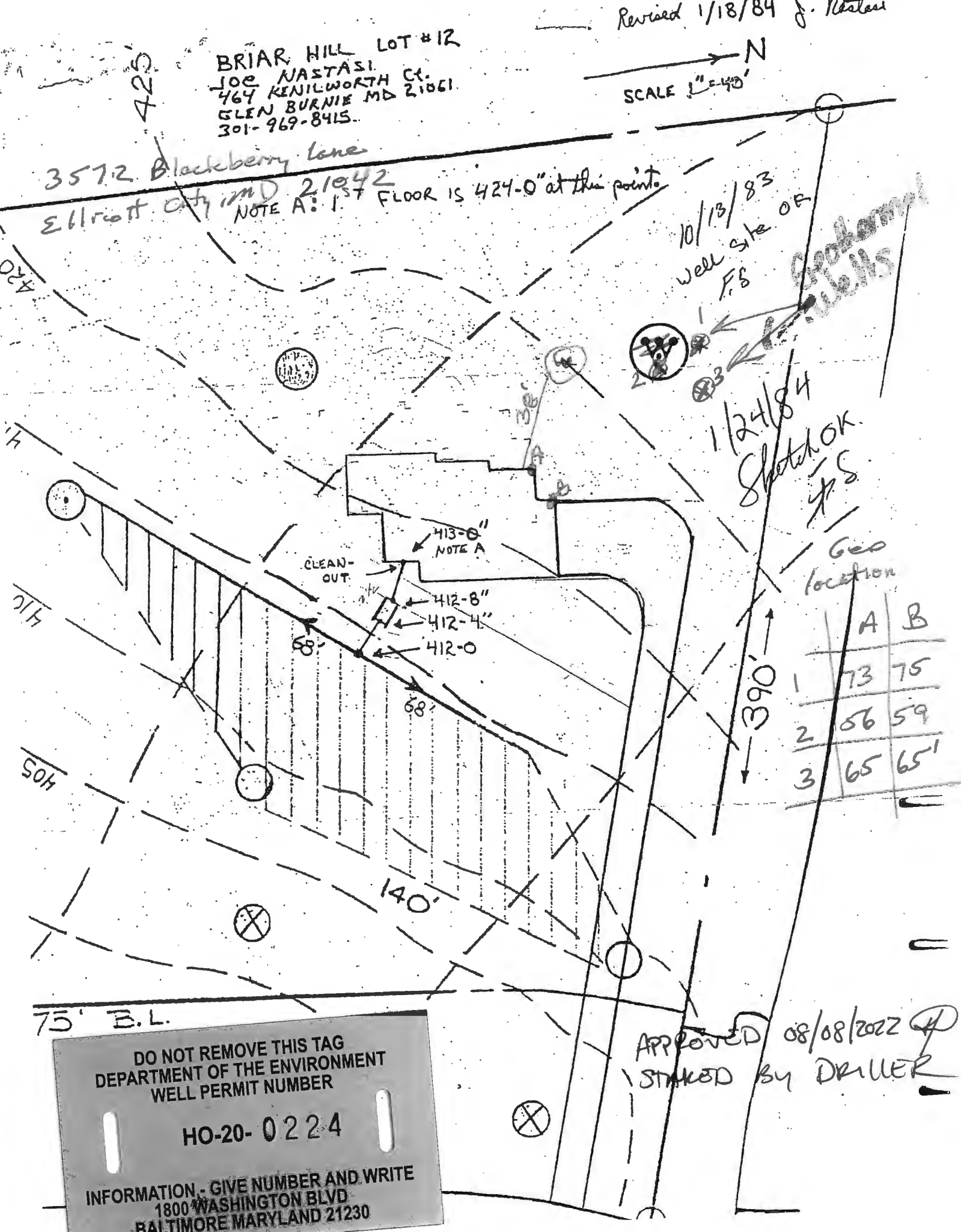
Ellisport City MD 21042  
NOTE A: 1<sup>ST</sup> FLOOR IS 424'-0" at this point.

10/13/83  
Well site OR  
F.S.

1/24/84  
Shotok  
F.S.

Geo location

	A	B
1	73	75
2	56	59
3	65	65'



75' E.L.

DO NOT REMOVE THIS TAG  
DEPARTMENT OF THE ENVIRONMENT  
WELL PERMIT NUMBER

HO-20-0224

INFORMATION - GIVE NUMBER AND WRITE  
1800 WASHINGTON BLVD  
BALTIMORE MARYLAND 21230

APPROVED 08/08/2022  
STAMPED BY DRIVER

BRIAR HILL LOT #12  
 JOE NASTASI  
 464 KENILWORTH CT.  
 GLEN BURNIE MD 21061  
 301-969-8415

SCALE 1"=40'

357.2 Blackberry Lane  
 Elliptical City MD 21042  
 NOTE A: 1<sup>ST</sup> FLOOR IS 424'-0" at this point

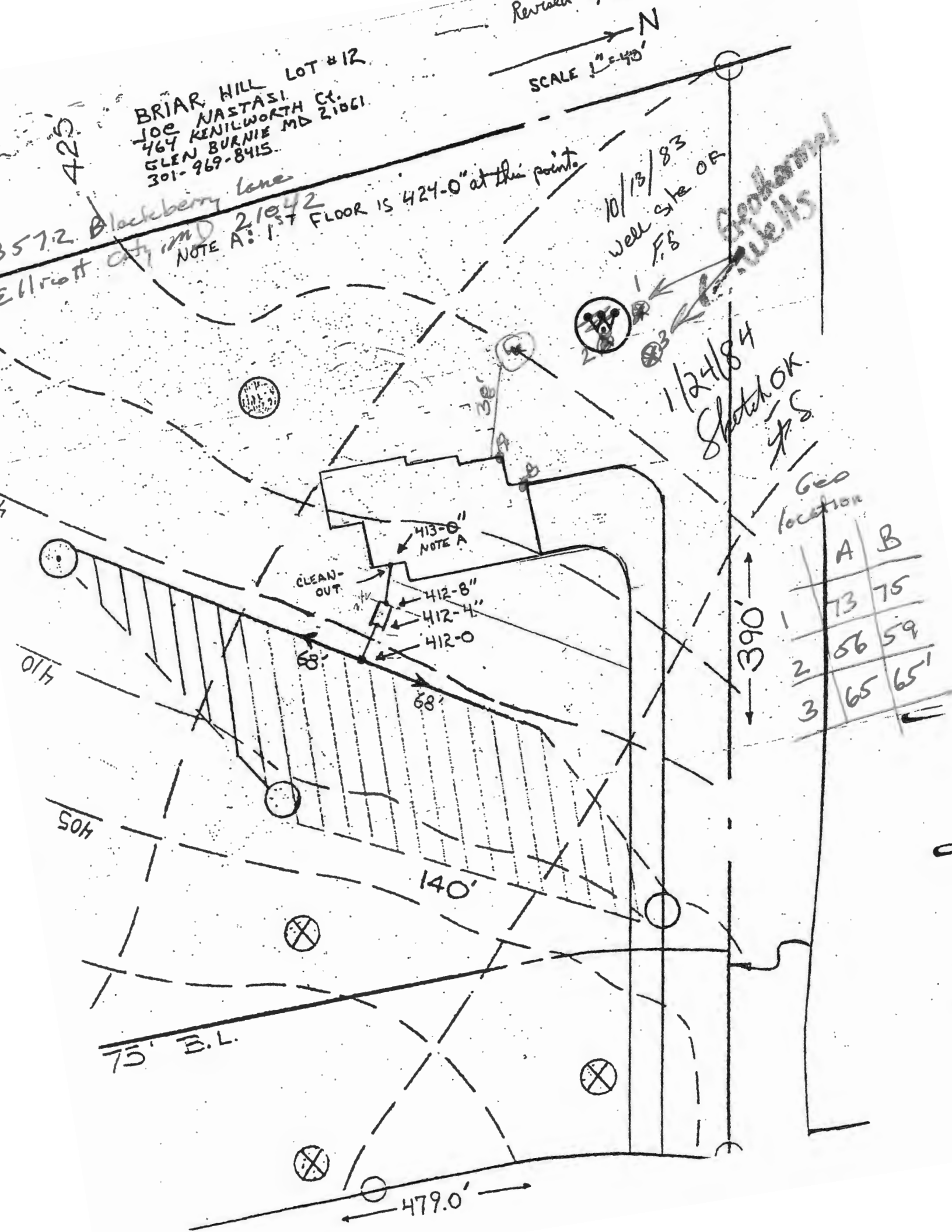
10/13/83  
 well site OF  
 F.B.

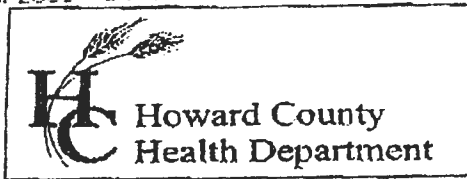
Geological  
 Wells

1/24/84  
 Shotok.  
 F.S.

Geo location

	A	B
1	73	75
2	56	59
3	65	65'





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:

Bristle Hill      12      3522 Blackberry Lane  
 Subdivision/Property Name      Lot#      Road Name

The well site has been staked by \_\_\_\_\_,  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (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. *location was flagged on 7/25/22*

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

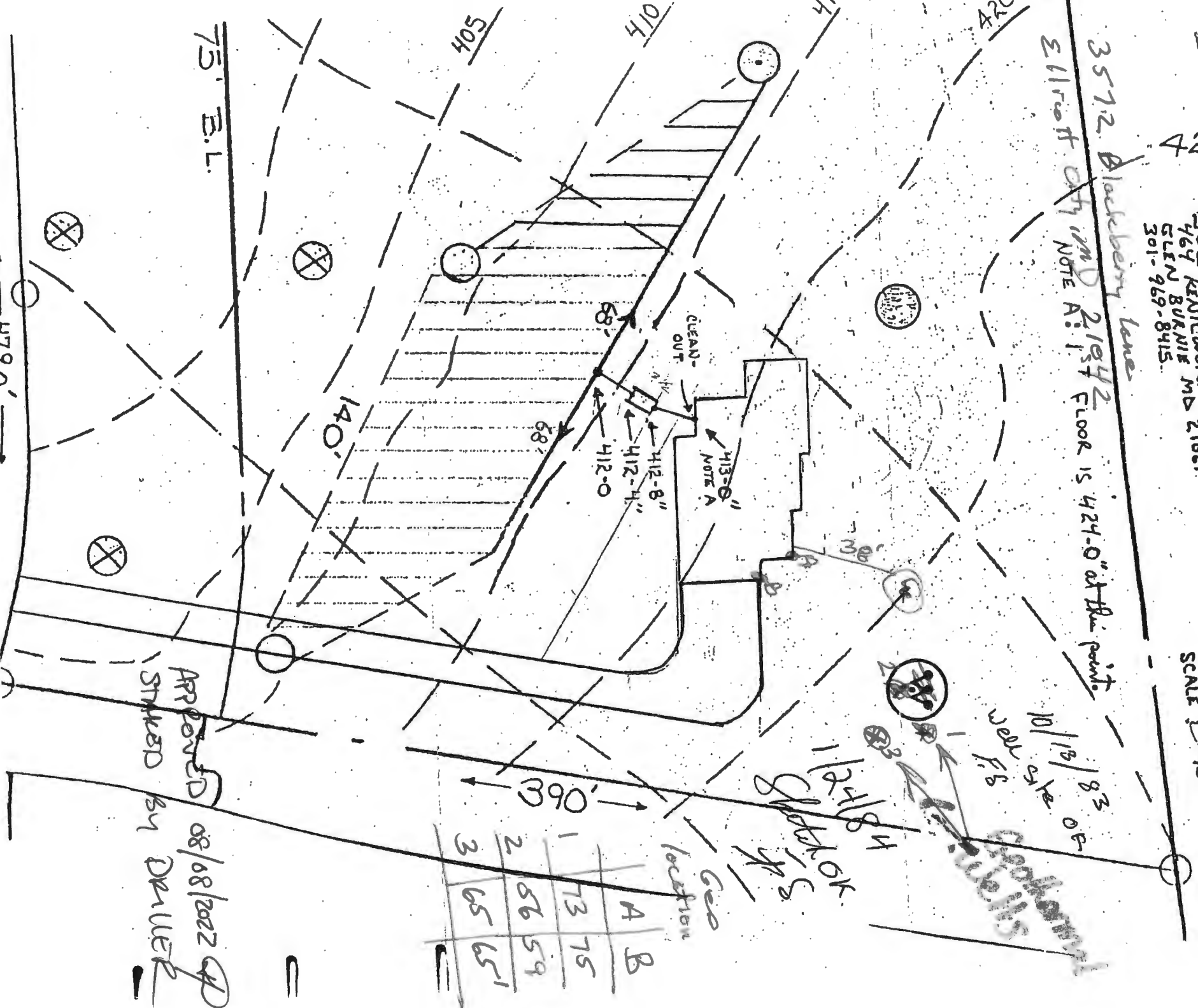
420  
 BRIAR HILL LOT #12  
 JOE MASTASI CT.  
 164 KINILWORTH MD 21061  
 GLEN BURKIE  
 301-969-8415

Revised 1/18/84 by Nestor

SCALE 1"=40'  
 N

357.2 Blackberry Lane  
 311'± ft off rd NOTE A: 1st Floor is 424'-0" at this point

10/13/83  
 well site  
 10'±



Well location	A	B
1	73	75
2	56	59
3	65	65-1

Approved 08/08/2022  
 Stamped by Drawer

479.0'

75' E.L.

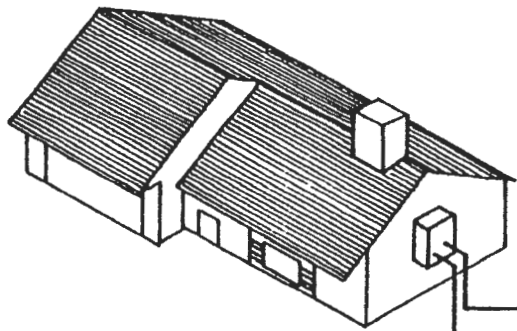
CLEAN-OUT

NOTE A

OK  
 12/11/83  
 S. Nestor

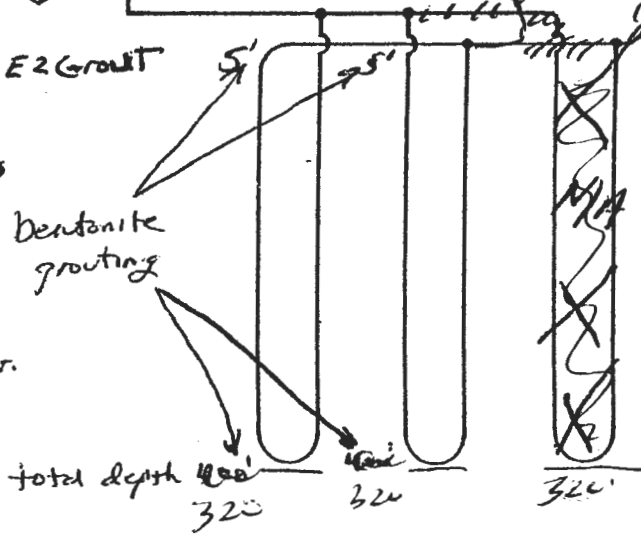
SEAL

Driller: Jones Well Drilling  
 contact: David Kelly  
 410-692-6981



bury depth 5' below grade

Wyo-Ben bentonite-E2 GROUT  
 GROUT (50 lb. bags)  
 mixed with 24 gallons  
 of water per  
 manufacturer specs  
 yields 27 gal slurry  
 with a 0.42 btu/ft-hr.  
 thermal conductivity



Earth Coil Type: Vertical - Single U-Bend  
 Water Flow: Parallel  
 Pipe Sizes: 1 1/4" double Loop

Bore Lengths: 320' x 2 holes (320' vertical bore)  
 Pipe Lengths: 320' x 2 (320' vertical pipe)  
 460' x 1920'

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger



OK  
MB 6-17-24

\*\*\*\*\*  
WATER WELL ABANDONMENT-SEALING REPORT FORM  
\*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 11/15/2023 (month/day/year)

\* PERMIT NUMBER OF ABANDONED WELL (if any) HO-81-0655

\* PERMIT NUMBER OF REPLACEMENT WELL: \_\_\_\_\_

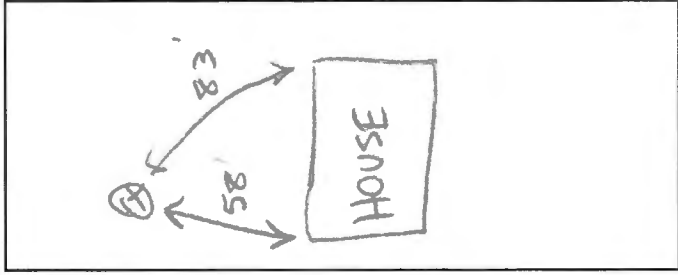
\* PERSON ABANDONING WELL: SHANE SALTA WELL DRILLER'S LICENSE NUMBER: 605

CIRCLE: MWD / MSD / MGD

\* OWNER'S NAME: SHAWN ROEHRIG

SITE LOCATION MAP

\* WELL LOCATION:  
COUNTY: HOWARD  
NEAREST TOWN: ELLCOTT CITY  
TAX MAP 22 BLOCK 5 PARCEL 516  
SUBDIVISION: BRIAR HILL  
SECTION: \_\_\_\_\_ LOT: 12  
STREET ADDRESS: 3572 BLACKBERRY LN



LATITUDE 3 9.273423

LONGITUDE 7 6.948960

LOG OF SEALING MATERIAL

- \* TYPE OF WELL BEING ABANDONED:  
 DRILLED \_\_\_\_\_ JETTED  
 BORED \_\_\_\_\_ HAND DUG  
 OTHER (specify) \_\_\_\_\_

MATERIAL	FEET	
	FROM	TO
Bentonite	105	5
Cement	5	3
Top Soil	3	0

- \* USE CODE:  
 DOMESTIC \_\_\_\_\_ MUNICIPAL/PUBLIC  
 IRRIGATION \_\_\_\_\_ INDUSTRIAL  
 TEST/OBSERVATION  GEOTHERMAL

VOLUME OF MATERIAL USED

- \* TYPE OF CASING:  
 STEEL \_\_\_\_\_ PLASTIC  
 CONCRETE \_\_\_\_\_ OTHER (specify) \_\_\_\_\_

12 Bags Bent + 2 Bags Cement

SIZE OF CASING: 6 INCHES IN DIAMETER ✓

DEPTH OF WELL: 105 FEET DEEP

WAS ANY CASING REMOVED?  YES \_\_\_\_\_ NO  
If yes, length removed, in feet: 5

WAS CASING RIPPED OR PERFORATED? \_\_\_\_\_ YES  NO

SIGNATURE Shane Salta  
\_\_\_\_\_  
SIGNATURE MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#

605 MWD / MSD / MGS 12/15/23   
CIRCLE ONE DATE

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HOWARD COUNTY HEALTH DEPARTMENT

72119

DATE 8/12/22

WS

Received From

David M Kelley

PHONE #

410 692-6981

For

Well permit / 3572 Blackberry Lane

CASH

CHECK

NO.

4938

One hundred sixty

Dollars

\$

16000

Received By

King

**RECEIPT**

Howard County, MD  
HOWARD COUNTY HEALTH DEPARTMENT  
ASCEND ONE BUILDING  
Columbia, MD 21045  
8930 STANFORD BLVD

**Application:** WS-WP-22-02592  
**Application Type:** EnvHealth/Well and Septic/Installation/Application  
**Address:** 3572 Blackberry LN,

---

<b>Receipt No.</b>	4657					
<b>Payment Method</b>	<b>Ref Number</b>	<b>Amount Paid</b>	<b>Payment Date</b>	<b>Cashier ID</b>	<b>Received</b>	<b>Comments</b>
Cash	4938	\$160.00	08/02/2022	JUKING		Well Permit/ 3572 Blackberry Lane

**Work Description:** Well Permit