

C1 57581

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 12 5 23

Depth of Well 65

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-20-0314

OWNER McCann Patricia G T/E Kern P WELL SITE ADDRESS 13744 Lakeside Dr. TOWN Clarksville SUBDIVISION lot @ 3.929A Brighton Pines SHURE SECTION LOT 8

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries like 'Sandy silt Red', 'Quartzite Gray', 'Sandy silt Red', 'Quartzite Gray', 'Sandy schist Red', 'And seam', 'Quartzite', 'Void', 'Angled wall unknown', 'Bore Terminated @ 65, No air return. No installation of closed loop U-bend.'

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (48), NO. OF POUNDS (2400), GALLONS OF WATER (912), DEPTH OF GROUT SEAL (0 to 65).

CASING RECORD form with fields for casing types (ST, CO, PL, OT), MAIN CASING TYPE (No casing was used), Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type (ST, BR, HO, PL, OT), screen diameter, depth.

PUMPING TEST form with fields for HOURS PUMPED (8.0), PUMPING RATE (11.15), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (17.20 before, 22.25 when pumping), TYPE OF PUMP USED (centrifugal).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES), TYPE OF PUMP INSTALLED (centrifugal), CAPACITY (31.35 GPM), PUMP HORSE POWER (37.41), PUMP COLUMN LENGTH (43.47), CASING HEIGHT (0 below land surface).

WELL HYDROFRACTURED form with YES/NO options (Y/N).

Legend for well status: A (abandoned), E (electric log), P (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. MWD 587, DRILLERS SIGNATURE, LIC. NO. ANDOS4, SITE SUPERVISOR.

DEPTH (nearest ft.) table with columns for depth intervals (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).

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

LATITUDE 39.208283, LONGITUDE 76.907840, (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.

C1 57580

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER 13

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

OK

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM 01 03 21

DATE WELL COMPLETED MM 12 5 23

DEPTH OF WELL 75 (TO NEAREST FOOT)

6-17-24

PERMIT NO. HO-20-0314

OWNER McCann Patricia G T/E Kevin P
WELL SITE ADDRESS 15294 Lakeside Dr. TOWN Clarksville
SUBDIVISION lot B 3.929A Brighton Pines SHEL SECTION LOT 8

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)
TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC]
NO. OF BAGS 72 NO. OF POUNDS 31000
GALLONS OF WATER 1,348
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 75 ft.

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)

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. Rows include: Sandy silt (0-10), Quartziter (10-20), Void (20-75), Angled wall unknown (75-). Includes handwritten note: 'Bone Terminated @ 75, no air return result in no installation of closed loop U-bends'.

CASING RECORD
casing types insert appropriate code below
[ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

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

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
NO casing was set used

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES
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 36
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height)
[+] above LAND SURFACE
[-] below (nearest foot) 0 51

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

SCREEN RECORD
screen type or open hole [ST] STEEL [BR] BRASS [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED [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 587
DRILLERS SIGNATURE
LIC. NO. AWD 054

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

DEPTH (nearest ft.)
E 1 8 9 11 15 17 21
A 23 24 26 30 32 36
H 38 39 41 47 51
S
C 3
R
E
N
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) 56 80

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

LATITUDE 39.208276
LONGITUDE 76.987795
(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>	74172	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	STATE PERMIT NUMBER
			575000 please type	HO - 20 - 0314 70 <span style="float: right;">fill in this form completely</span> 79

**OWNER INFORMATION**

Date Received (APA) 07/20/23

8 MM DD YY 13

15 Last Name McCann Owner Patricia G First Name Kevin P 34

36 Street or RFD 13744 Lakeside Drive 55

57 Town Clarksville 70 State Md. 72 Zip 21029 76

**DRILLER INFORMATION**

Driller's Name Stephen Delosh 76 License No. MWD 587 81

Firm Name Connelly & Associates Inc.

Address 1513 Tilco Ln. Frederick, Md. 21704

Signature Stephen Delosh Date 07-26-2023

**WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) N/A 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) N/A 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 (2 geo bores)

APPROXIMATE DEPTH OF WELL 200 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

39  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 - 20 - 0314 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

gravel from bottom to top of wells

**LOCATION OF WELL**

Howard -17-24 MI

8 COUNTY Howard 21

23 SUBDIVISION Lot 3.929 A Brighton Pines SI A-1 42

SECTION 8 LOT 8

44 46 48 50

Clarksville

52 NEAREST TOWN 71

**SOURCES OF DRILLING WATER**

1. private

2. \_\_\_\_\_

3. \_\_\_\_\_

13744 Lakeside Drive 11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH  WEST  EAST  SOUTH

430 34 ~~400~~ 37

DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 0034 BLK: 7 PARCEL 0396

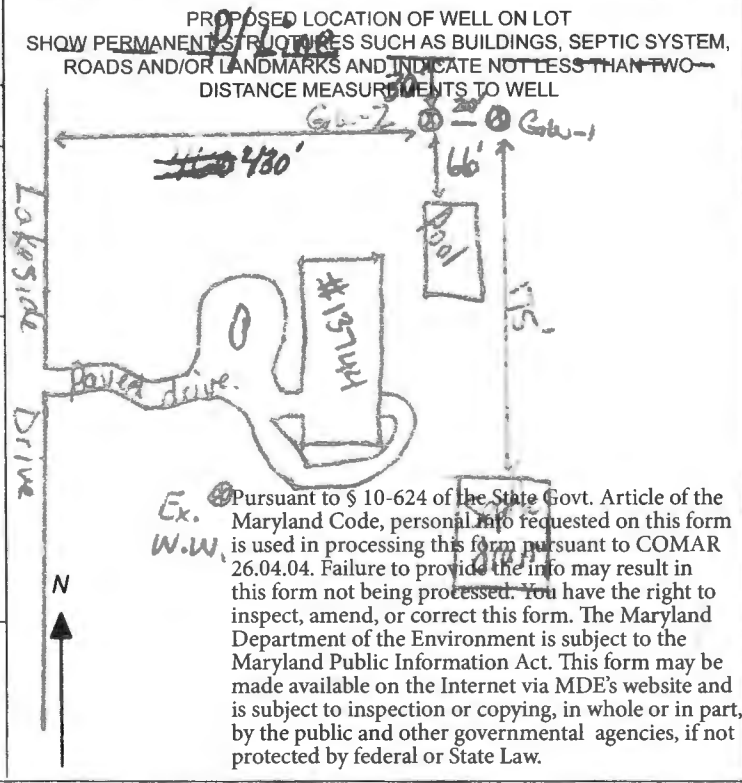
**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard COUNTY NAME 13 COUNTY NO.

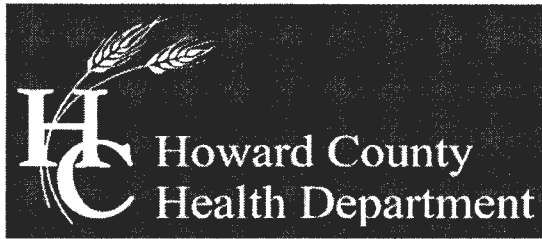
STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_ 41

DATE ISSUED 10/6/23 John 10/6/24

43 MM DD YY 48 CO SIGNATURE EXP. DATE



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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

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Dr. Maura J. Rossman, M.D., 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:

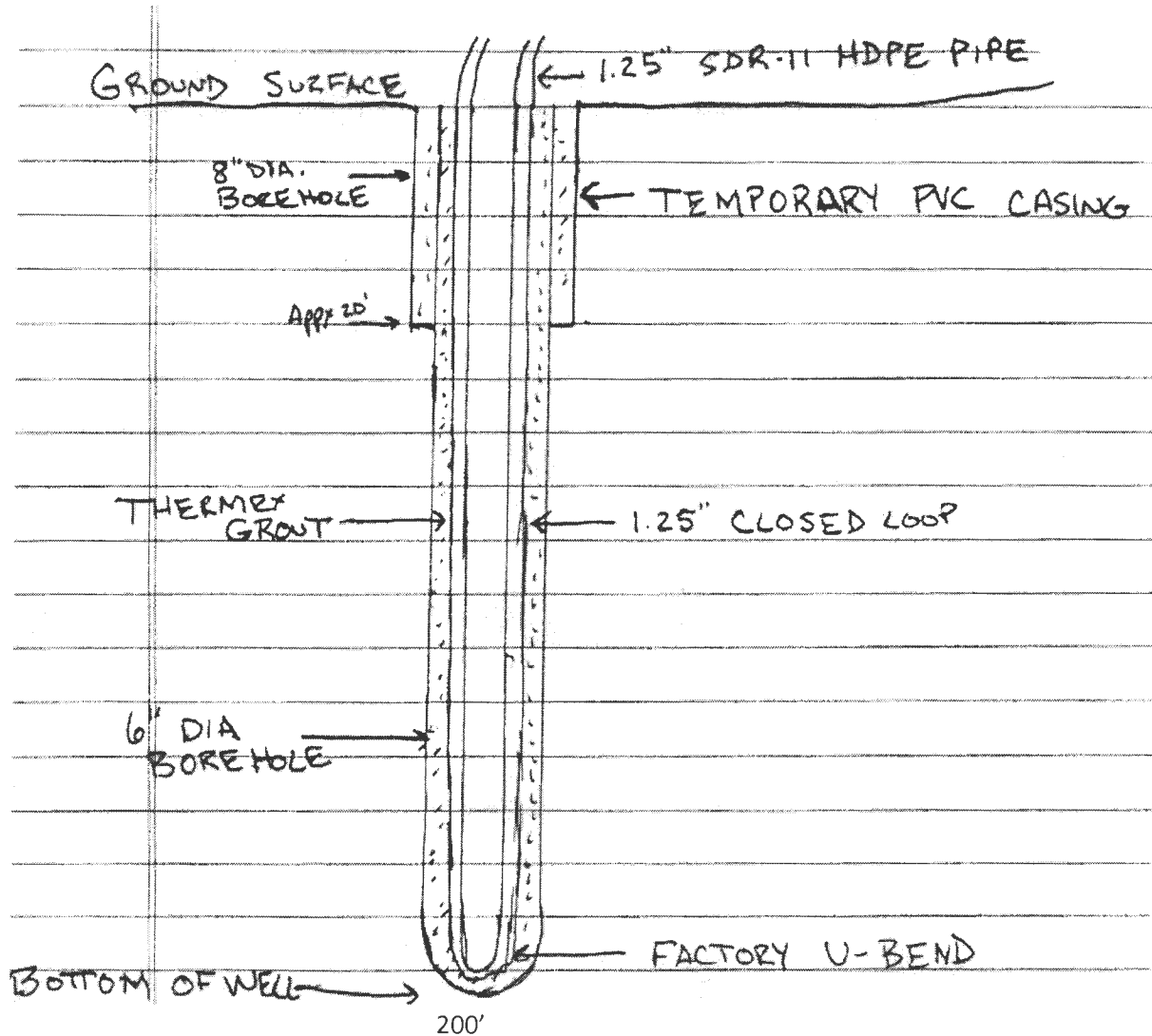
Lot B 3.929A  
13744 Lakeside Dr. Brighton Pines S1 A1      B      Lakeside Dr.  
Subdivision/Property Name      Lot #      Road Name

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.

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

McCann Residence: 13744 Lakeside Drive Clarksville, Md. Geothermal Closed Loop



Grout information for this property is as follows:

Well Grout DF grout mixture of 50 lb. grout to 19 gallons water, placed in the well using the tremie method, from bottom to top.

**RECEIPT**

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

**Application:** WS-WP-23-02826

**Application Type:** EnvHealth/Well and Septic/Installation/Application

**Address:** 13744 Lakeside DR,

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Receipt No.	7955					
Payment Method	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
Credit Card		\$160.00	09/27/2023	JUKING		

**Work Description:** Well Permit/ 13744 Lakeside Dr.

5

Steve Co. Delosh

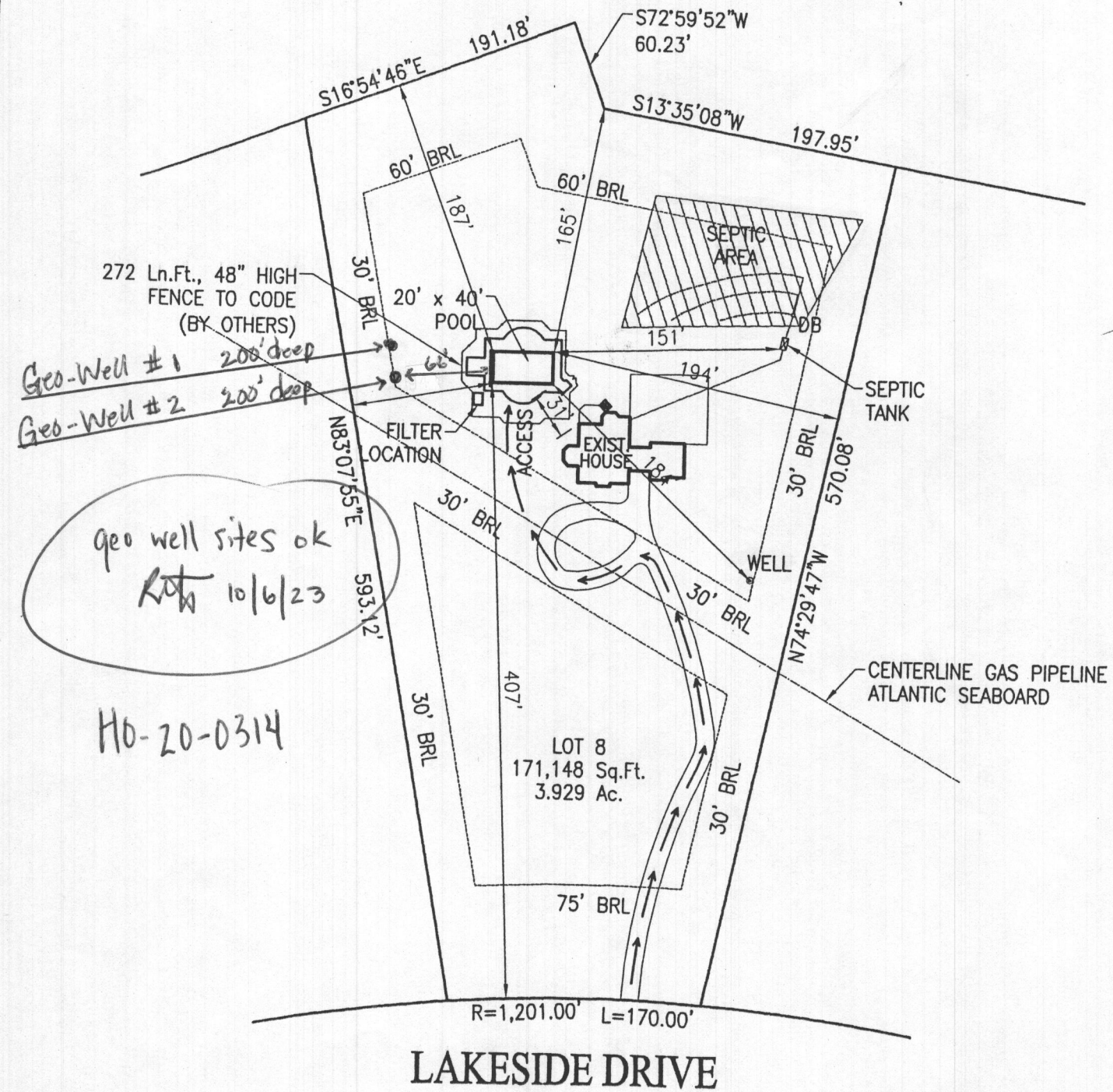
240-367-7925

# FILE INQUIRY NOTES

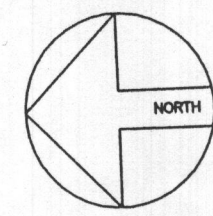
DATE	RESULTS OF REVIEW FOR FILE
6/14	Driller had difficulties completing well. Abandonment sealed at 75' Received well completion
	report MB

**SETBACKS:**

REAR PL. 60'  
 SIDE PL. 30'  
 HOUSE N/A  
 SEPTIC 20'  
 WELL 30'



**PRIVATE WELL  
& PRIVATE SEPTIC**



ZONE: ONE

**SITE PLAN**

1"=100'

**LOT 8  
BRIGHTON PINES**

ACCOUNT #396050  
 MAP 34, GRID 7, PARCEL 396  
 ELECTION DISTRICT NO.05  
 HOWARD COUNTY, MARYLAND

**EXCAVATION**

*Alanna J. [Signature]* 11/15/04

**DIRECTIONS TO SITE**

32 WEST TO 108 WEST R/T ONTO TEN OAKS RD., BEAR LEFT ONTO BRIGHTON DAM RD. CROSS HIGHLAND RD. AT 4-WAY STOP & PROCEED TO R/T ONTO NICHOLS DR. FOLLOW TO L/T ONTO LAKESIDE DR. - FOLLOW TO SITE ON RIGHT.

MAP #	13
GRID	H-8

**Kevin & Patricia McCann**  
 13744 Lakeside Drive  
 Clarksville, Maryland 21029  
 Howard County

HOME PHONE: 410-988-9419  
 OFFICE PHONE: 410-753-0727 (His)  
 CELLULAR PHONE: 410-340-3002

**EXCAVATION  
CONSTRUCTION  
SET**  
 DATE: 11-15-04

<b>SITE PLAN</b>			ZONE: ONE
LOT: 8	SUBDIVISION NAME: BRIGHTON PINES	DISTRICT: 05	PIN # 396050
SCALE: 1"=100'	BY: J.L.R.	DATE: 11/9/04	JOB NUMBER: JC04-8157
			SHEET #: S-1

REVISIONS:  
 11/15/04 - FINALIZED FOR EXCAVATION

*Geo well sites ok  
Rth 10/6/23*

*Hb-20-0314*