

C1 23755

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, SUBDIVISION, SECTION, LOT

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like TOP Soil, Silty Sand, Tr. mica, etc.

NUMBER OF UNSUCCESSFUL WELLS

WELL HYDROFRACTURED

CIRCLE APPROPRIATE LETTER A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04

DRILLERS LIC. NO. 1, DRILLERS SIGNATURE

LIC. NO. 1, SITE SUPERVISOR

GROUTING RECORD

WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY

CASING RECORD

MAIN CASING TYPE, Nominal diameter, Total depth of main casing

OTHER CASING (if used), diameter, depth

SCREEN RECORD

screen type or open hole, insert appropriate code below

DEPTH (nearest ft.)

Table with columns: E, A, C, S, R, E, N and depth values

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL

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)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE, below

LATITUDE 39.221120, LONGITUDE 77.019304

NOTES:

B 1	26394	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER HO-95-2674 <small>70 fill in this form completely 79</small>
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OWNER INFORMATION

8 MM DD YY 13
 15 BIRD Last Name WILLIAM + KATHERINE Owner First Name 34
 36 5251 ILEX WAY Street or RFD 55
 57 DAYTON Town 70 MD State 72 21036 Zip 76

LOCATION OF WELL

8 COUNTY HOWARD 21
 23 SUBDIVISION DAYTON KALMIA FARMS S1 42
 SECTION 44 46 LOT 25 48 50
 52 NEAREST TOWN DAYTON 71

DRILLER INFORMATION

Driller's Name SAMUEL A. CONNELLY MW D572 76 License No. 81
 Firm Name CONNELLY + ASSOCIATES, INC
 Address 260 INTERSTATE CT, FREDERICK, MD 21704
 Signature Samuel A. Connelly 3/24/14 Date

SOURCES OF DRILLING WATER

1. Private
 2.
 3.

11 STREET ADDRESS 5251 ILEX WAY 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 34 200 37 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP: 0027 BLK: PARCEL

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 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. 13
 STATE SIGNATURE Andrew Geist INSERT S → 41
 DATE ISSUED 4/4/14 CO SIGNATURE Andrew Geist /EXP. DATE 4/4/15
 43 MM DD YY 48

APPROXIMATE DEPTH OF WELL 360 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

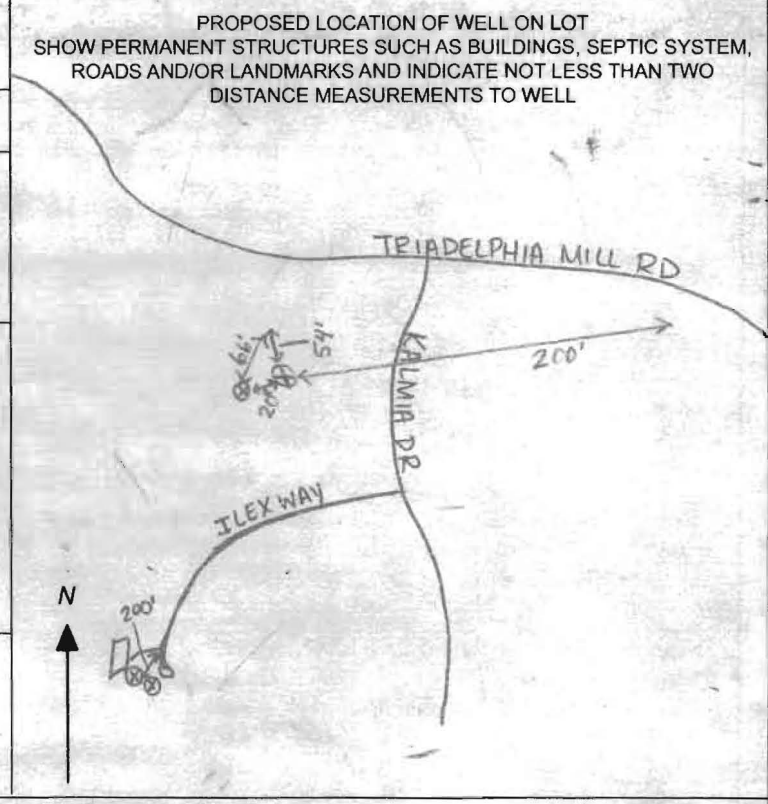
BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVerse-ROTary Drive-POINT
 other

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)

APPROX. PERMIT NUMBER **G**
 PERMIT No. HO-95-2674
 70 71 72 73 74 75 76 77 78 79





260 Interstate Court, Frederick, Maryland 21704 · 301-696-8820 · www.connellygeothermal.com

Howard County Health Dept.
Bureau of Environmental Health
8930 Stanford Blvd.
(Ascend One Bldg.)
Columbia, MD 21045

April 30, 2014

RE: 5251 Ilex Way, Dayton, MD 21036

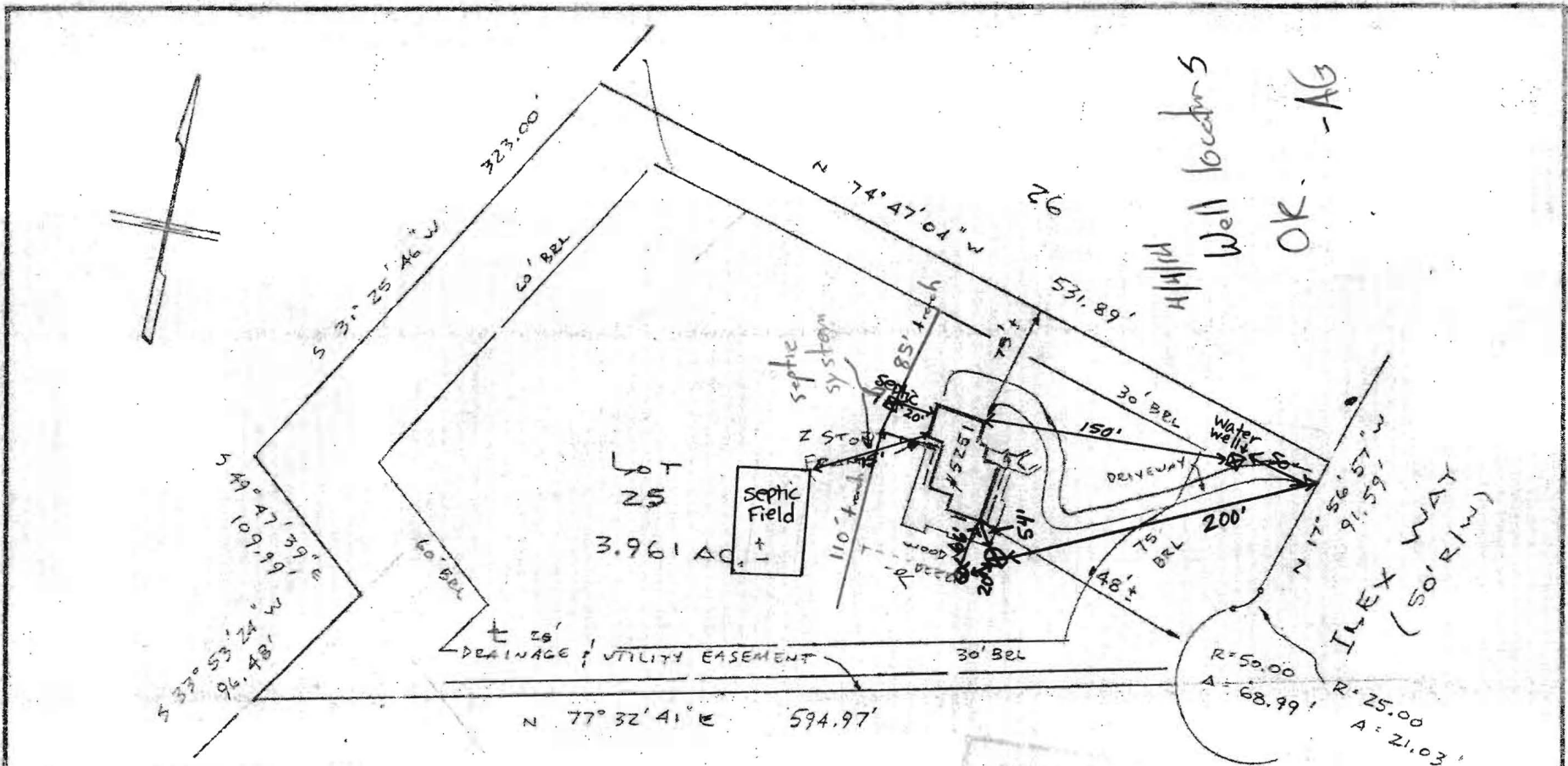
Andrew,

Please find enclosed the completion reports for the geothermal wells we installed at the above referenced address.

Thank you,

A handwritten signature in black ink, appearing to read 'Emily Sottile', is written over a horizontal line.

Emily Sottile
Business Operations Manager



Well locations
OK - AG

ILEX WAY (50' R/W)
R=50.00
A=68.99'
R=25.00
A=21.03'

Subject property is shown in Zone C
on the National Flood Insurance Program
Flood Insurance Rate Map of HOWARD
County, Maryland. Panel # 250E45
Community Panel # 240074-00253
Effective Date: 050.4.1986

This is to certify that I have surveyed the property known as Lot 25
5251 ILEX WAY
sheet of recorded PLAT NO. 4173 among the Land Records of HOWARD County, Maryland for the purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.



J. Carl Hudgins PLS#96

LOCATION SURVEY

5251 ILEX WAY
KALMIA FARMS
HOWARD COUNTY, MD.

NTT ASSOCIATES, INC.
16205 Old Frederick Road
Mt. Airy, Maryland 21771
Phone 442-2031

Scale	1" = 100'
Date	SEPT 3, 1993
Field By	JW
Drawn By	JW
Drawing #	X20909

Samuel A. Connelly
Connelly + Associates, Inc

