

C1 14660

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER

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

ST/CO USE ONLY DATE Received MM DD YY 03 27 12

DATE WELL COMPLETED MM DD YY 03 12 2012

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2266

OWNER Jason Barth Jason TOWN Laurel SECTION LOT 9

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Silty Sand, Fr. Mica, stuff; Rock, Gneiss.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N. TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC. NO. OF BAGS 20 NO. OF POUNDS 1,000. GALLONS OF WATER 500. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 300 ft.

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6" Total depth of main casing (nearest foot) 35

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

SCREEN RECORD

screen type or open hole insert appropriate code below. STEEL ST BRASS BR BRONZE PL PLASTIC HO OPEN HOLE OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO 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. 1 MWD 572 Samuel A. Connelly DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 4WD 884 Wesley A. Wolfe

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

C2 DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N. Rows for slot size and diameter of screen.

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

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 1. PUMPING RATE (gal. per min.) 11. 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, J jet, S submersible.

PUMP INSTALLED

DRILLER INSTALLED PUMP 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. 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, - below. LAND SURFACE 3' (nearest foot).

LATITUDE 39.09127 LONGITUDE 76.53414 (DEFAULT COORD. WGS 84)

NOTES: Front Yard of address listed above

C1 14661

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE RECEIVED

MM 03 DD 27 YY 12

DATE WELL COMPLETED

MM 03 DD 09 YY 2012

Depth of Well

22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10/4/2012 HO - 95 - 2266 O.K. (BB)

OWNER: Barth Jason; WELL SITE ADDRESS: 10902 Hammond Drive; TOWN: Laurel; SUBDIVISION: Hillcrest; SECTION: 1; LOT: 9

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes handwritten entries: Silty Sand, tr mica, stiff; Rock, Gneiss.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CM, BC); NO. OF BAGS (20); NO. OF POUNDS (1,000); GALLONS OF WATER (500); DEPTH OF GROUT SEAL (ft.)

CASING RECORD

casings 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)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to

screen type or open hole

SCREEN RECORD

insert appropriate code below (ST, BR, HO, PL, OT)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED); 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. MWD 573; Samuel A. Connelly; DRILLERS SIGNATURE

LIC. NO. AWD 884; Wesley A. Wells

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

DEPTH (nearest ft.)

Table for DEPTH with columns: E A C H S C R E E N; SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH)

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 1; PUMPING RATE (gal. per min.) 1; METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface) BEFORE PUMPING 17 ft, WHEN PUMPING 22 ft; TYPE OF PUMP USED (for test) C centrifugal

PUMP INSTALLED

DRILLER INSTALLED PUMP 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; CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31; PUMP HORSE POWER 37; PUMP COLUMN LENGTH (nearest ft.) 43; CASING HEIGHT (circle appropriate box and enter casing height) 49 above, 49 below; LAND SURFACE 3 (nearest foot)

LATITUDE 39.09.123; LONGITUDE 76.53.417 (DEFAULT COORD. WGS 84)

NOTES: Front yard of address listed

B 1	10544	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 536747 please type	STATE PERMIT NUMBER HO-95-2266 fill in this form completely
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Date Received (APA) 02 28 12

OWNER INFORMATION

8 MM DD YY 13
Barth Jason
15 Last Name Owner First Name 34
10902 Hammond Drive
36 Street or RFD 55
Laurel Md. 20723
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard
8 COUNTY 21
Hillcrest
23 SUBDIVISION 42
SECTION 1 LOT 9
44 46 48 50
Scaggsville
52 NEAREST TOWN 71

DRILLER INFORMATION

Walter T. Connelly M W D 462
Driller's Name 76 License No. 81
Connelly and Associates
Firm Name
260 Interstate Ct. Frederick, Md. 21704
Address
Walter Connelly 02/27/12
Signature Date

B 4

SOURCES OF DRILLING WATER

1. Public
2.
3.

10902 Hammond Dr.
11 STREET ADDRESS 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST 3 EAST
SOUTH
34 15 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 0041 BLK: 23 PARCEL 0031

B 2

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)

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 O OPEN LOOP GEOTHERMAL
 C CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

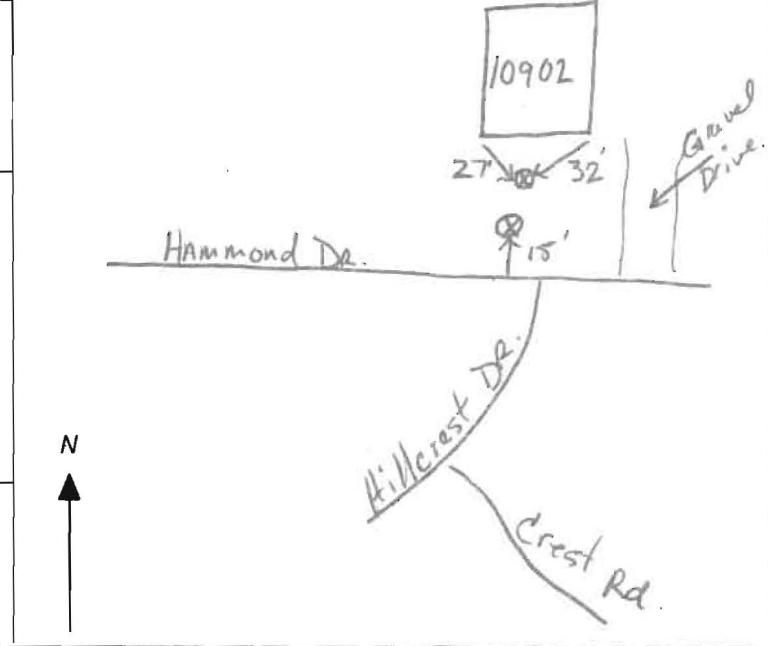
Howard (13) Public
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S → 41
DATE ISSUED 3/5/2012 Brian Baker 3/5/2013
43 MM DD YY 48 CO SIGNATURE EXP. DATE

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

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

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)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

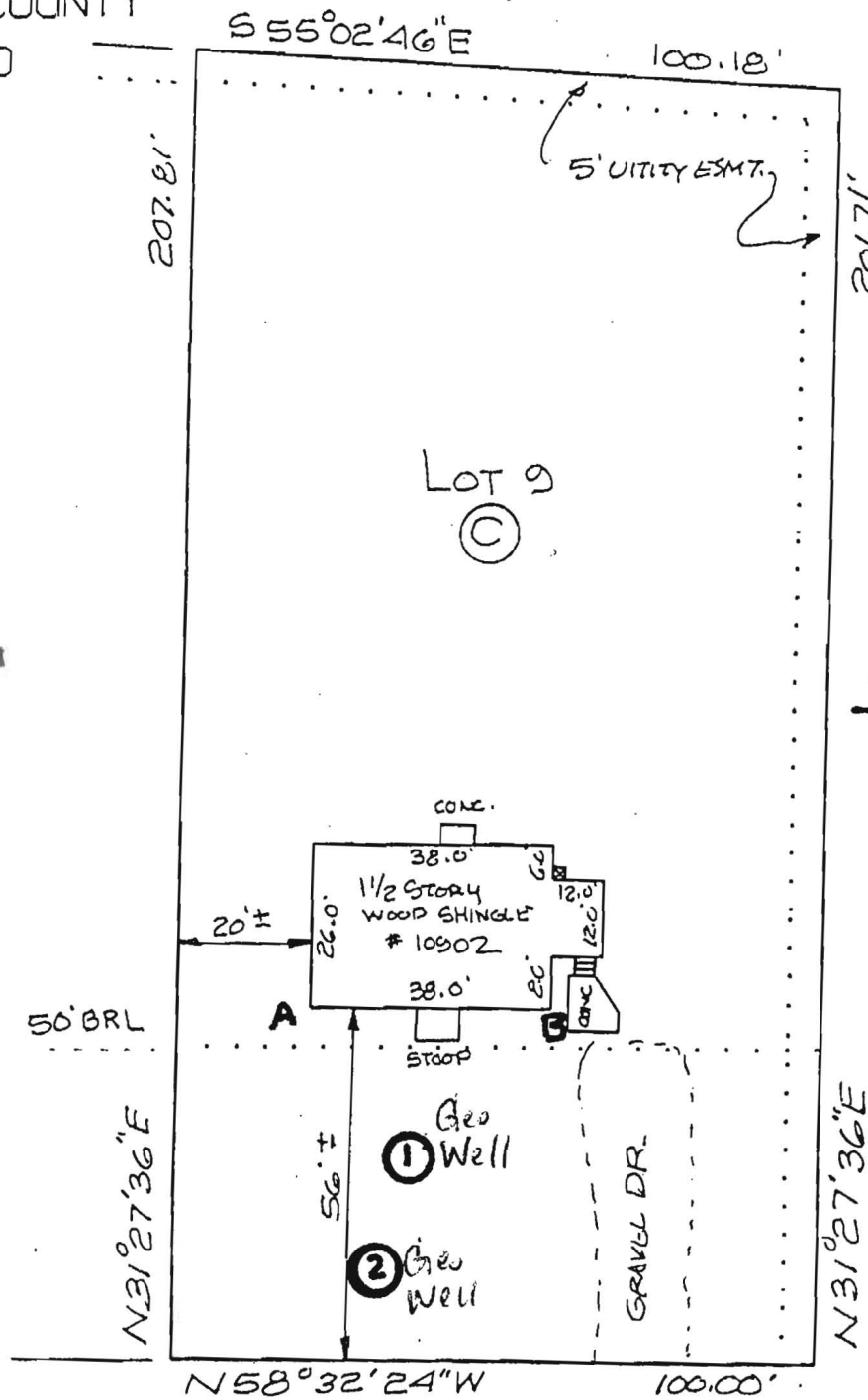
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G
PERMIT No. HO-95-2266
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED
Boreholes Thoroughly from Bottom Upward with Tremie Pipe

SECTION: ONE
 HILLCREST
 HOWARD COUNTY
 MARYLAND

1" ~ 30'



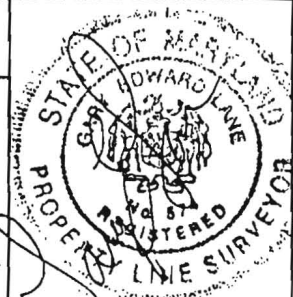
Distances from
 corners of house
 to geo wells

- A1 27'7"
- B1 32'9"
- A2 43'
- B2 50'

HAMMOND DRIVE
 HOUSE LOCATION DRAWING

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE PROPERTY DELINEATED HEREON IS IN ACCORDANCE WITH THE PLAT OF SUBDIVISION AND DEED OF RECORD AND THAT THE IMPROVEMENTS SHOWN WERE LOCATED BY ACCEPTED FIELD PRACTICES. THIS HOUSE LOCATION SURVEY IS NOT FOR THE DETERMINING PROPERTY LINES. AND NO TITLE REPORT WAS FURNISHED TO THIS SURVEYOR. AND LOT CORNERS HAVE NOT BEEN SET BY THIS SURVEY.



SURVEY ASSOCIATES #1

CONSULTING LAND SURVEYORS AND PLANNERS
 9890 LYON AVENUE
 LAUREL, MARYLAND 20723

(301) 206-5470

FAX (301) 970-2511

SCALE 1" = 30'	DRG BY G.E.L.	CASE No. 29388
LIBER 8980 FOLIO 432	ELECTION DISTRICT 06	COUNTY HOWARD
PLAT BOOK 4 PLAT NO. 67		DATE 10/31/08