

C1 56977

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 480'

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-17-0370

OWNER Benson David WELL SITE ADDRESS 16498 Fairbourne Court TOWN Hanover SUBDIVISION SECTION LOT 23

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Moist stiff reddish Brown m-f clayey sand with small gravel, Weathered rock, Rock, Bolt 480'.

GROUTING RECORD, CASING RECORD, SCREEN RECORD sections with checkboxes and input fields for materials and dimensions.

PUMPING TEST section with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED section with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

WELL HYDROFRACTURED, CIRCLE APPROPRIATE LETTER (A, E, P), I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04.

DEPTH (nearest ft.) table with columns 1-11, 15-17, 21, 23-24, 26, 30-32, 38, 39-41, 45-47, 51. Includes SLOT SIZE and DIAMETER OF SCREEN.

LATITUDE 39.203291 LONGITUDE 76.717097 (DEFAULT COORD. WGS 84)

DRILLERS LIC. NO. MWD 567, DRILLERS SIGNATURE, LIC. NO. D

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

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.

B 1 SEQUENCE NO. (MDE USE ONLY) **62879** STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL **STATE PERMIT NUMBER** **Ho-17-0370**
 1 2 3 6 **501067** please type **70** fill in this form completely **79**

OWNER INFORMATION
 Date Received (APA) **11/15/18**
 * * * * *
 15 **Benson David** Owner First Name 34
 36 **6198 Fairbourne Court** Street or RFD 55
 57 **Hanover, Maryland 21076** Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard County
 8 COUNTY 21
 23 SUBDIVISION 42
 SECTION **44** 46 LOT **23** 48 50
Hanover
 52 NEAREST TOWN 71

DRILLER INFORMATION
Jeff Corron MWD **567**
 Driller's Name 76 License No. 81
Chesapeake Geosystems, Inc. Firm Name
6720 Fort Smallwood Road Balt. 21226 Address
Jeff Corron Signature **11/8/18** Date

B 4 SOURCES OF DRILLING WATER
 1. **Municipal**
 2.
 3.
6198 Fairbourne Ave Ct. STREET ADDRESS 11 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 34 **28** 37 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP: **38** BLK: **9** PARCEL **904**

B 2 WELL INFORMATION
 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **N/A**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **N/A**
 14 20

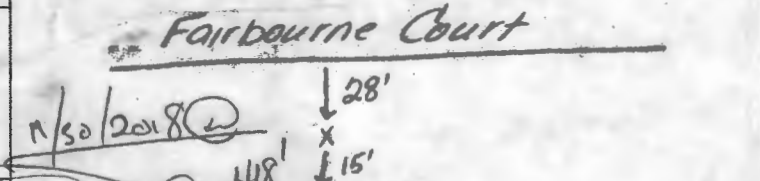
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, DEWATERING
 PUBLIC WATER SUPPLY WELL
 TEST, OBSERVATION, MONITORING
 OPEN LOOP GEOTHERMAL
 CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME COUNTY NO. **24**
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED **11/19/18**
 43 MM DD YY 48 CO SIGNATURE _____ EXP. DATE _____
 DON: **11/30/2018** DOG: **12/3/18** (SC)

APPROXIMATE DEPTH OF WELL **480** FEET
 24 28
 APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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

12/3
 - 480' tremie
 - Quik Grout
 - static water @ 130' when installing loop
 - 8 bags grout so far
 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.

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER _____ **G** _____
 PERMIT No. **Ho-17-0370**
 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS **INSP GROUT**
 NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

WELL SCHEMATIC FORM

GROUND SURFACE

PERMANENT OUTER CASING (if area contaminated)

MATERIAL _____

DIAMETER _____

LENGTH _____

DEPTH INTO CONFINING UNIT _____

PERMANENT OUTER CASING

TUBE CASING (if not regular, single loop)

ATTACH HORIZONTAL SCHEMATIC _____

NUMBER OF TUBES PER BOREHOLE _____

DIAMETER OF TUBES _____

MATERIAL _____

SHAPE AND LENGTH _____

TUBE CONNECTION METHOD _____

TUBE CONNECTION MATERIAL _____

CONFINING UNIT

LOOP PIPE CASING (regular, single loop)

MATERIAL HDPE? YES NO

DIAMETER 1.25"

LENGTH 505'

GROUT

MATERIAL Bentonite

PERMEABILITY 1×10^{-7}

WATER / GROUT RATIO 24 / 50

PERCENT SOLIDS 20%

TREMIE GROUTED FROM BOTTOM OF BOREHOLE? YES NO

USING A POSITIVE DISPLACEMENT PUMP? YES NO

DEPTH TO THE BOTTOM OF HOLE 480'

DIAMETER OF BOREHOLE 6"

WELL ADDRESS 6198 Fairbourn
CT. Hanover Md 21076

LOT NUMBER: 23

SQUARE NUMBER: _____

WELL OWNER: David Benson

OWNER ADDRESS: 6198 Fairbourn CT
Hanover Md 21076

1 perforated well @ 480'
w/ 1.25" closed loop w/
FACTORY U-Bend
PIPE FOUND

LOT 24

N 00°32'05" E 195.35'

7.5' B.R.L.

LOT 23

50' B.R.L.

S 66°29'59" E
52.94'

20' DRAINAGE, SEWER & UTILITY EASEMENT

7.5' B.R.L.

S 08°11'58" E 170.97'

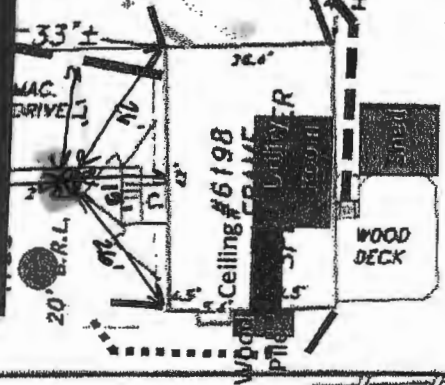
LOT 22

LOT 21

HO-17-0370
STAKED BY DRILLER
APPROVED BY (signature) 11/14/2018



- Cast Iron Legend**
- Sewer Line
 - Water Line
 - Electric/Internet
 - Gutter Drainage
 - Possible Trench for Geo
 - Unknown Line



The purpose of this drawing is to locate, describe, and represent the positions of buildings and substantial improvements affecting the property shown hereon, being known as:
**LOT 23 SECTION 1 AREA 1
 CAMBURY WOODS**
 recorded among the land records of Howard County, Maryland in
 LAT # 6983



James Carl Hudgins
 Property Line Surveyor #96
 Expiration Date: 3/11/18

LOCATION DRAWING
 6198 FAIRBOURNE COURT
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
 16205 Old Frederick Rd.
 Mt. Airy, Maryland 21771
 Phone: (410) 442-2031
 Fax: (410) 442-1315
 www.nttsurveyors.com

Scale:	1" = 30'
Date:	6/29/16
Field By:	RIK
Drawn By:	JCH
File No.:	HOC12949
Page No.:	1 of 2

PREPARED FOR:



Continental Title Group

This is page one of a two page document. The advice found on the affixed page is an integral part of this drawing, and is not valid without all pages.

1 perforated well @ 480'
w/ 1.25" closed loop w/
Factory U-Bend
PIPE FOUND

FAIRBOURNE COURT

1996 map
Δ=75.00'
R=492.00'

LOT 24
N 00°32'05" E 195.35'

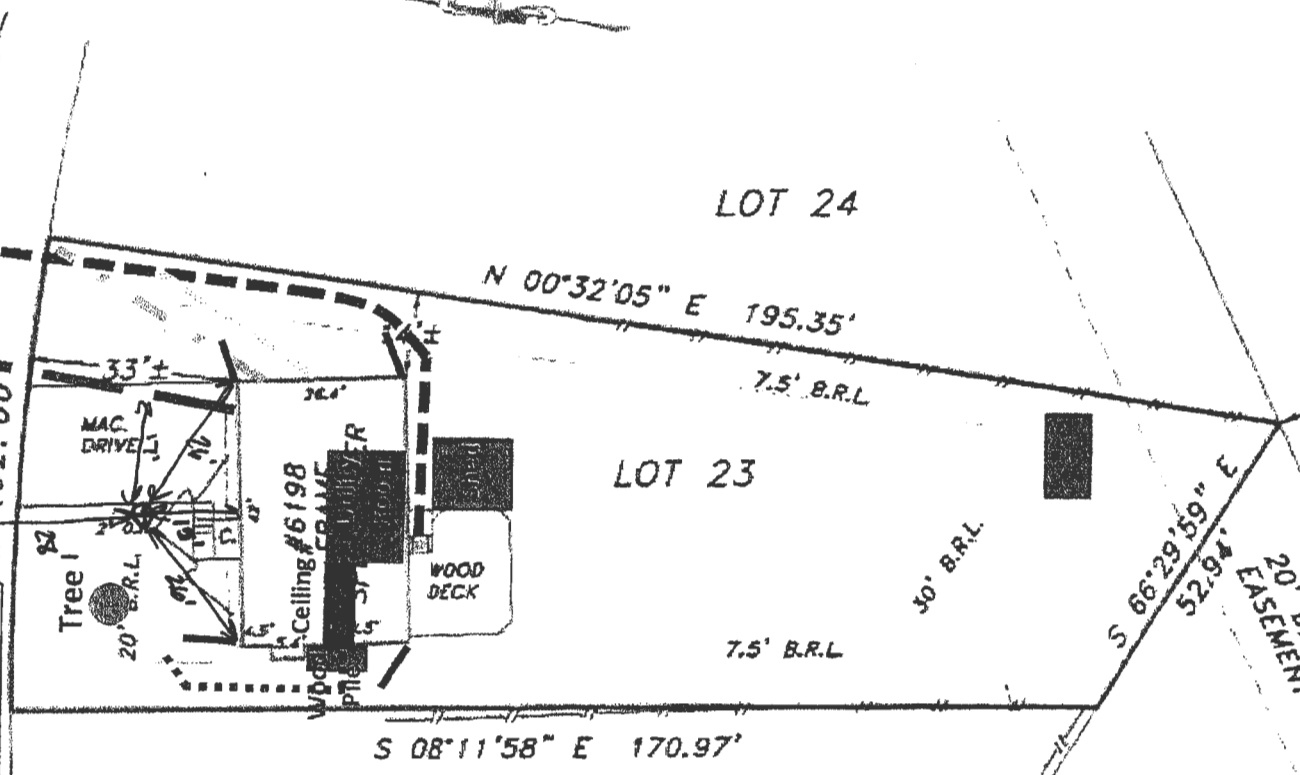
LOT 23

LOT 22

LOT 21

HO-17-0370
STAKED BY DRILLER
APPROVED BY [Signature] 11/14/2018

- Cast Iron Legend**
- Sewer Line
 - Water Line
 - Electric/Internet
 - Gutter Drainage
 - Possible Trench for Geo
 - Unknown Line



The purpose of this drawing is to locate, describe, and represent the positions of buildings and substantial improvements affecting the property shown hereon, being known as:

LOT 23 SECTION 1 AREA 1
CANBURY WOODS

Recorded among the land records of Howard County, Maryland in
LAT # 6983



James Carl Hudgins
Property Line Surveyor #96
Expiration Date: 3/11/18

LOCATION DRAWING
6198 FAIRBOURNE COURT
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PREPARED FOR:



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NTT Associates, Inc.
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Scale:	1" = 30'
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Field By:	RIK
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File No.:	HOC12949
Page No.:	1 of 2



HOWARD COUNTY HEALTH DEPARTMENT

64067

DATE 11/13/18

WS

Received From

Masapocce Health Systems

PHONE #

410-789-5020

For

well connect, 6048 Fairbourn Ave.

CASH

CHECK

NO.

26216

One thousand six hundred

Dollars

\$

1600.00

Received By

Kemp