C 1 *56969

SEQUENCE NO. (MDE USE ONLY)

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

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

2.75 9/1/18

ST/CO USE ONLY
DATE Received MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 11/15/2018 15 20

Depth of Well 22 400 26 (TO NEAREST FOOT)

OK 2/26/19 (LP)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 17 0363 28 29 30 31 32 33 34 35 36 37

OWNER Hughes Jared (last name first name)

WELL SITE ADDRESS 3250 Starting Gate Court TOWN Woodbine, MD 21797

SUBDIVISION Cabin Branch Farms SECTION 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 FROM	FEET TO	check if water bearing
Silt Brown trace of sand medium Stiff	0	40	
Weathered Rock Gray mod. Hard	40	60	
Rock Hard Gray	60	400	✓
Installed 1.25" Closed Loop geothermal (x2)			

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes Y no 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 567

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y 44 no N 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC 45 46

NO. OF BAGS 20 NO. OF POUNDS 1,100

GALLONS OF WATER 400

DEPTH OF GROUT SEAL (to nearest foot)

from 0 TOP 48 52 ft. to 400 BOTTOM 54 58 ft.

(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE 60 61 | Nominal diameter top (main) casing (nearest inch) 63 64 | Total depth of main casing (nearest foot) 66 70

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

SCREEN RECORD

screen type or open hole insert appropriate code below

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

C 2 1 2 DEPTH (nearest ft.)

EACH SCREEN: 1 8 9 11 15 17 21; 2 23 24 26 30 32 36; 3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN 56 60 (NEAREST INCH)

GRAVEL PACK from to

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68

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

T (E.R.O.S.) W Q

70 TELESCOPE CASING 72 LOG INDICATOR 74 75 76 OTHER DATA

C 3 1 2

PUMPING TEST

HOURS PUMPED (nearest hour) N/A 8 9

PUMPING RATE (gal. per min.) N/A 11 15

METHOD USED TO MEASURE PUMPING RATE N/A

WATER LEVEL (distance from land surface)

BEFORE PUMPING 45 17 20 ft.

WHEN PUMPING N/A 22 25 ft.

TYPE OF PUMP USED (for test)

A air 27 | P piston 27 | T turbine 27

C centrifugal 27 | R rotary 27 | O other (describe below) 27

J jet 27 | S submersible 27

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 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ 49 above / − 48 below LAND SURFACE

3 (nearest foot) 50 51

LATITUDE 39.289595
LONGITUDE 71.114650
(DEFAULT COORD. WGS 84)

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MDE/WMA/PER.071

COUNTY

EMERGENCY/TEMP NO. IF ANY

TAG = N/A

B 1 62813 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

please type

5104025

STATE PERMIT NUMBER GPS: N/A HO-17-0363

70 fill in this form completely 79

Date Received (APA) 10/11/18 (8 MM DD YY 13)

OWNER INFORMATION

Hughes Jared (15 Last Name Owner First Name 34)

3250 Starting Gate Court (36 Street or RFD 55)

Woodbine, Maryland 21797 (57 Town 70 State 72 Zip 76)

DRILLER INFORMATION

Jeff Corron (Driller's Name) MWD 567 (76 License No. 81)

Chesapeake Geosystems, Inc. (Firm Name)

6720 Fort Smallwood Rd Balt. (Address)

Jeff Corron (Signature) 10/09/18 (Date)

B 3 Howard LOCATION OF WELL

County (8 COUNTY 21)

Cabin Branch Farm (23 SUBDIVISION 42)

SECTION (44 46) LOT 12 (48 50)

Woodbine (52 NEAREST TOWN 71)

B 4 SOURCES OF DRILLING WATER

1. municipal
2.
3.

3250 Starting Gate Court (11 STREET ADDRESS 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N W 32 E WEST EAST S SOUTH

34 55 37 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 13 BLK: 19 PARCEL 42

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)
- 22 I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- O OPEN LOOP GEOTHERMAL
- C CLOSED LOOP GEOTHERMAL (2 geo bores)

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard (COUNTY NAME) 13 (COUNTY NO.)

STATE SIGNATURE [signature] INSERT S → 41

DATE ISSUED 11/1/18 (43 MM DD YY 48) [signature] CO SIGNATURE 11/1/19 EXP. DATE

DON: 11/12/18 DOG: 11/14/2018 DNI DOY: N/A

APPROXIMATE DEPTH OF WELL 400 FEET (24 28)

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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

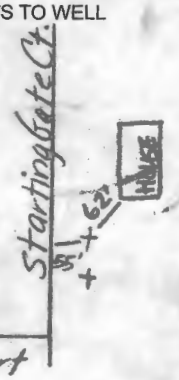
REPLACEMENT OR DEEPENED WELLS
(CIRCLE APPROPRIATE BOX)

- 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 __ __ - __ __ - __ __ __ __ 52

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

11/15/2018 @
400' Deep
60' Casing
30' ~1gpm
140'



11/16/2018 @
called WMA
confirmed
grout on 11/14
no call.

N

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

APPROP. PERMIT NUMBER _ _ _ _ _ _ G _ _ _

PERMIT No. HO-17-0363 (70 71 72 73 74 75 76 77 78 79)

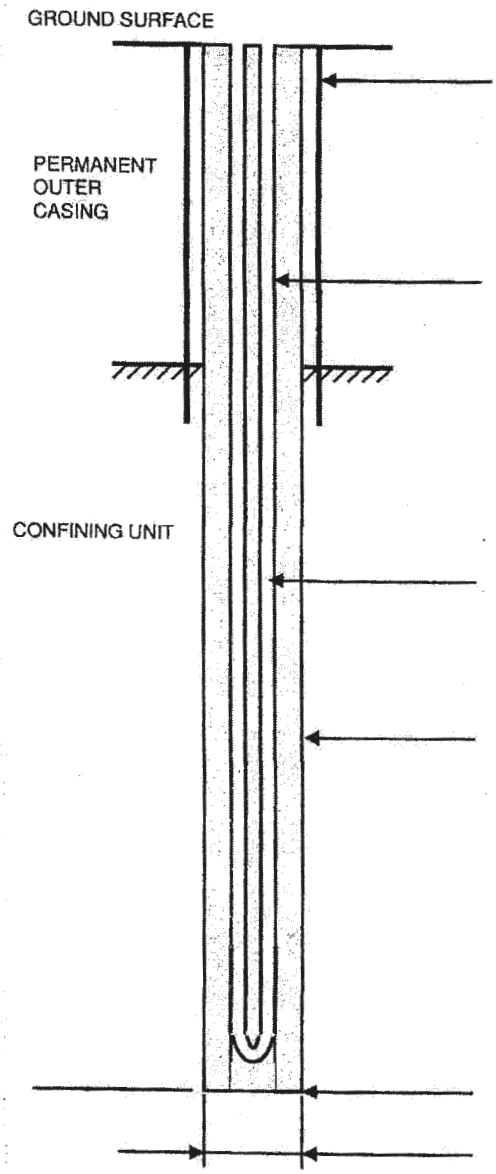
SPECIAL CONDITIONS grout bottom to top

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

MDE/WMA/PER.071

② COUNTY

WELL SCHEMATIC FORM



PERMANENT OUTER CASING (if area contaminated)

MATERIAL _____

DIAMETER _____

LENGTH _____

DEPTH INTO CONFINING UNIT _____

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 _____

LOOP PIPE CASING (regular, single loop)

MATERIAL HDPE? YES [X] NO [ ]

DIAMETER 1.25"

LENGTH 405'

GROUT

MATERIAL Bentonite

PERMEABILITY 1×10^{-7}

WATER/ GROUT RATIO 24 / 50

PERCENT SOLIDS 20%

TREMIE GROUTED FROM BOTTOM OF BOREHOLE ? YES [X] NO [ ]

USING A POSITIVE DISPLACEMENT PUMP? YES [X] NO [ ]

DEPTH TO THE BOTTOM OF HOLE 400'

DIAMETER OF BOREHOLE 6"

WELL ADDRESS 3250 Starting Gate Ct
Woodbine Md 21797

LOT NUMBER: _____

SQUARE NUMBER: _____

WELL OWNER: Jared Hughes

OWNER ADDRESS: 3250 Starting Gate Ct Woodbine Md

DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043 PERMITS (410) 313-2455 INSPECTIONS (410) 313-1850	**HOWARD COUNTY RESIDENTIAL HEATING-VENTILATION-AIR CONDITIONING AND REFRIGERATION PERMIT APPLICATION**	HVACR PERMIT # 1118001627 BUILDING PERMIT #

BUILDING ADDRESS: 3250 Starting Gate Ct. **SUITE/APT:**
SUBDIVISION:
CENSUS TRACT: **SECTION:** **AREA:**
LOT: **TAX MAP:** **PARCEL:**
BLOCK: **ZONE:**
PROPERTY ID: **MAP COORDINATES:**
TYPE OF IMPROVEMENTS: **USE:**

OWNERS NAME: Jared & Christine Hughes
ADDRESS: 3250 Starting Gate Ct.
CITY: Woodbine
STATE: MD **ZIP CODE:** 21797
HOME PHONE: 410-379-5115 **WORK PHONE:**

	CHECK ONE	HOW MANY	
SINGLE FAMILY DWELLING	X	2	ZONES
SINGLE FAMILY TOWNHOUSE	☐	____	ZONES
MULTI-FAMILY / HOTEL/MOTEL	☐	____	ROOMS
ASSISTED LIVING HOMES (16 OR FEWER RESIDENTS)	☐	____	ROOMS

COMPANY NAME: Total Comfort Htg & A/C, Inc.
LICENSEE NAME: James E. Aaron
ADDRESS: 12009 Margaret Dr.
CITY: Hagerstown
STATE: MD **ZIP CODE:** 21742
PHONE: 301-745-3700 **HVACR LICENSE NO:** HVACR 5833-01

New
- ☐ Heating and Air Conditioning
- X Geo Thermal System
- ☐ Heating System Only
- ☐ Ductless Mini Splits
- ☐ Other Work (Describe):
- ☐ Thru The Wall Systems

Remove existing HVAC equipment & install (2) geothermal heat pumps. Chesapeake Geosystems to install vertical ground loop.

Replacement
- ☐ Heating
- ☐ Air Conditioning
- X Heating and Air Conditioning

Additions and Alterations
- ☐ Heating
- ☐ Air Conditioning
- ☐ Heating and Air Conditioning

****Replacement Geo Thermal Systems are not required; However, if a tax credit is being sought a permit is required****

Zones

Permit Fee = # of Zones x $40 =	80.00
Technology Fee (10% of Permit Fee) =	8.00
Plus Application Fee	$50.00
Total Fees Due =	138.00

Rooms

Permit Fee = # of Rooms x $80 =	____
Technology Fee (10% of Permit Fee) =	____
Plus Application Fee $50	$50.00
Total Fees Due =	____

I HAVE CAREFULLY EXAMINED AND READ THIS APPLICATION AND KNOW IT IS TRUE AND CORRECT. THE WORK DESCRIBED HEREIN WILL BE PERFORMED BY A STATE HVACR LICENSED PERSON(S), AND ALL WORK WILL BE PERFORMED IN COMPLIANCE WITH APPLICABLE CODES AND STANDARDS OF HOWARD COUNTY THE STATE OF MARYLAND.

James E. Aaron 12/4/18
SIGNATURE OF LICENSEE DATE

James E. Aaron
PRINT NAME OF LICENSEE

Jim@tchvac.net
Email Address

Validation
Check Number: 8531
Cash:
Receipt Number: 558340

RECEIVED
DEC 10 2018
LICENSES & PERMITS DIVISION

Approved ~~Septic~~ GEO System Plan
Howard County Health Department
12/27/18
Signature Date

Make check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

Word doc: T:\Updated Forms\hvac application
Rev:10.2009

M 1800102 7

wrightsoft

Load Short Form
MAIN HOUSE
TOTAL COMFORT HTG. & A/C, INC.

Job:
Date: 2018+++++
By:

12009 MARGARET DRIVE, HAGERSTOWN, MD 21742 Phone: 301-745-3700

Project Information

For: HUGHES RESIDENCE
3250 STARTING GATE CT., WOODBINE, MD

Design Information

	Htg	Clg
Outside db (°F)	12	91
Inside db (°F)	70	75
Design TD (°F)	58	16
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	25	24

Infiltration

Method	Simplified
Construction quality	Semi-loose
Fireplaces	0

HEATING EQUIPMENT

Make	WaterFurnace
Trade	ENVISION2 SERIES
Model	NBV/NBH036**3*0
AHRI ref	5296005

Efficiency	4.16 COP	
Heating input	7.6	kW
Heating output	25956	Btuh
Temperature rise	28	°F
Actual air flow	874	cfm
Air flow factor	0.020	cfm/Btuh
Static pressure	0	in H2O
Space thermostat		

Backup:
Input = 13 kW, Output = 43172 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	WaterFurnace
Trade	ENVISION2 SERIES
Cond	NBV/NBH036**3*0
Coil	
AHRI ref	5296005

Efficiency	20.61 EER	
Sensible cooling	24726	Btuh
Latent cooling	10597	Btuh
Total cooling	35323	Btuh
Actual air flow	874	cfm
Air flow factor	0.047	cfm/Btuh
Static pressure	0	in H2O
Load sensible heat ratio	0.85	

Capacity balance point = 0 °F

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
FIRST FLOOR	1408	16799	9463	340	441
BASEMENT	1408	12088	1604	245	75
SECOND FLOOR	1088	14285	7677	289	358
MAIN HOUSE	3904	43172	18744	874	874
Other equip loads		0	0		
Equip. @ 0.96 RSM			18069		
Latent cooling			3227		
TOTALS	3904	43172	21297	874	874

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Load Short Form
ABOVE GAR.
TOTAL COMFORT HTG. & A/C, INC.

Job:
Date: 2018+++++
By:

12009 MARGARET DRIVE, HAGERSTOWN, MD 21742 Phone: 301-745-3700

Project Information

For: HUGHES RESIDENCE
3250 STARTING GATE CT., WOODBINE, MD

Design Information

	Htg	Clg
Outside db (°F)	12	91
Inside db (°F)	70	75
Design TD (°F)	58	16
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	25	24

Infiltration

Method	Simplified
Construction quality	Semi-loose
Fireplaces	0

HEATING EQUIPMENT

Make	WaterFurnace
Trade	ENVISION2 SERIES
Model	NBV/NBH024**3*4
AHRI ref	5295989

Efficiency	3.95 COP	
Heating input	6.0	kW
Heating output	20464	Btuh
Temperature rise	56	°F
Actual air flow	341	cfm
Air flow factor	0.025	cfm/Btuh
Static pressure	0	in H2O
Space thermostat		

Backup:
Input = 4 kW, Output = 13677 Btuh, 100 AFUE

COOLING EQUIPMENT

Make	WaterFurnace
Trade	ENVISION2 SERIES
Cond	NBV/NBH024**3*4
Coil	
AHRI ref	5295989

Efficiency	20.61 EER	
Sensible cooling	18580	Btuh
Latent cooling	7963	Btuh
Total cooling	26543	Btuh
Actual air flow	341	cfm
Air flow factor	0.047	cfm/Btuh
Static pressure	0	in H2O
Load sensible heat ratio	0.83	

Capacity balance point = 0 °F

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
ABOVE GARAGE	952	13677	7307	341	341
ABOVE GAR.	952	13677	7307	341	341
Other equip loads		0	0		
Equip. @ 0.96 RSM			7044		
Latent cooling			1486		
TOTALS	952	13677	8529	341	341

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

EMERGENCY/TEMP NO. IF ANY HW1800102

B 1 — SEQUENCE NO. (MDE USE ONLY) 62813

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type

STATE PERMIT NUMBER HO-17-2343

fill in this form completely

Date Received (APA) 10/11/17

OWNER INFORMATION

Hughes Owner Jared — Last Name / First Name

3250 Starting Gate Court — Street or RFD

Woodline, Maryland 21797 — Town / State / Zip

DRILLER INFORMATION

Jeff Carson — Driller's Name — M WD License No. 567

Chesapeake Geosystems, Inc. — Firm Name

1720 Fort Smallwood Rd Balt. — Address

Signature — Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) n/a

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) n/a

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL 400 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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 DEEPENED 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 — — - — — - — — — — 52

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

APPROP. PERMIT NUMBER _ _ _ _ _ _G_ _ _

PERMIT No. HO-17-2343 (70 71 72 73 74 75 76 77 78 79)

B 3 LOCATION OF WELL

Howard County — COUNTY

Cabin Branch Farm — SUBDIVISION

SECTION — LOT n/a

Woodline — NEAREST TOWN

B 4

SOURCES OF DRILLING WATER
1. municipal
2.
3.

3250 Starting Gate Court — STREET ADDRESS

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) — NORTH / WEST / EAST / SOUTH

DISTANCE FROM ROAD 55 FT (ENTER FT OR MI)

TAX MAP: 13 BLK: 19 PARCEL 42

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

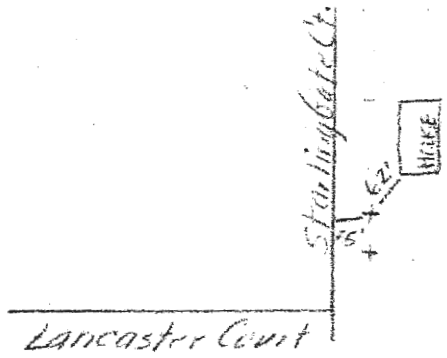
COUNTY NAME — COUNTY NO. 13

STATE SIGNATURE — INSERT S

DATE ISSUED — CO SIGNATURE — EXP. DATE

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



N

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SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED — grout bottom to top

MDE/WMA/PER.071

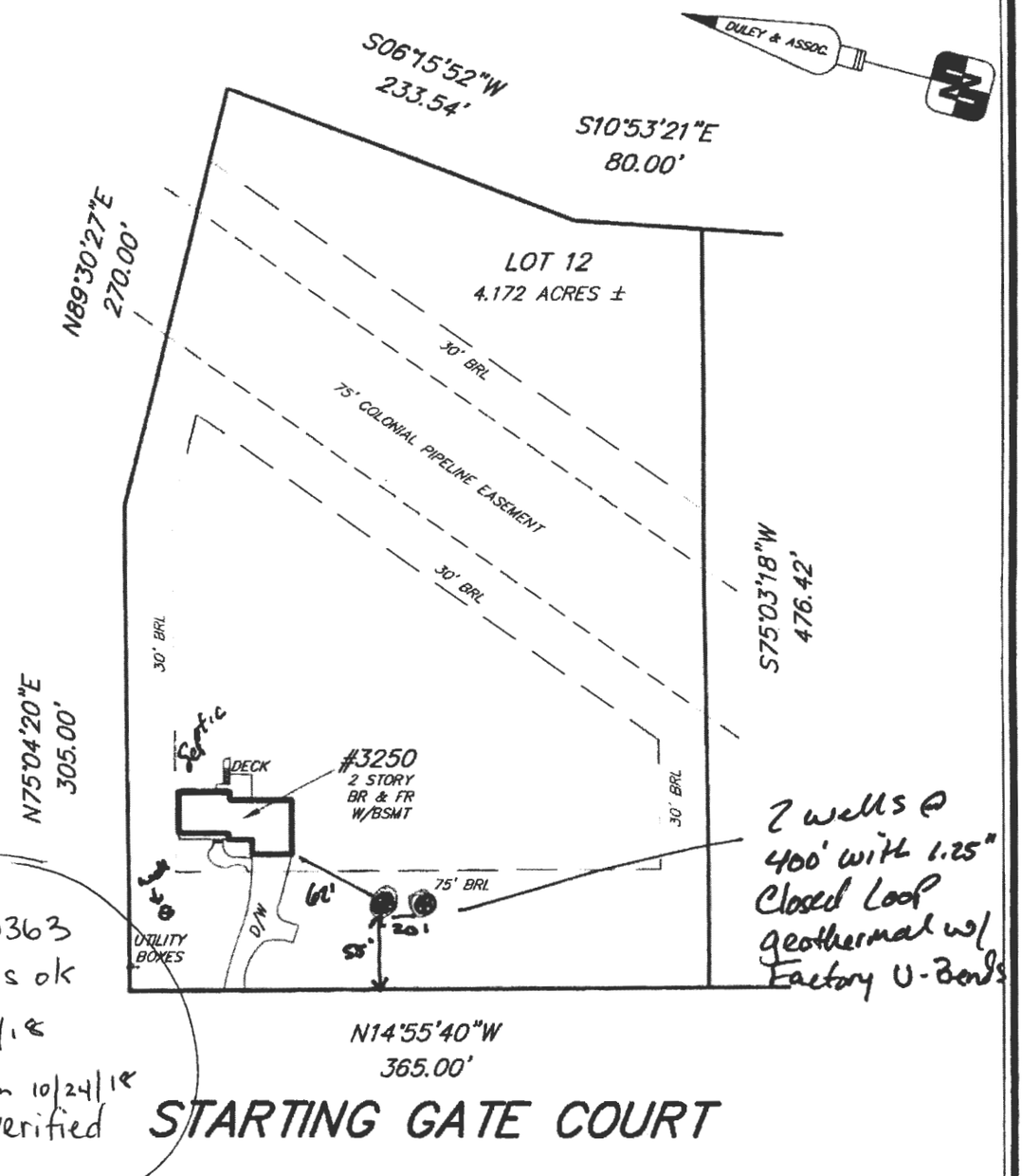
④ DRILLER

THIS DOCUMENT CERTIFIED TO:

Emerald Title & Escrow, Inc.
11 Norwich Court
Gaithersburg, MD 20878-2852
Phone: (301) 947-9080
Fax: (301) 947-0675

CASE #: 12-8242

Emerald Title & Escrow, Inc.
11 Norwich Court
Gaithersburg, MD 20878-2852
Phone: (301) 947-9080
Fax: (301) 947-0675



H0-17-0363
Well Sites ok
RK 11/1/18
Site visit on 10/24/18
stakes verified

STARTING GATE COURT

LOCATION DRAWING OF:

#3250 STARTING GATE COURT
LOT 12
FOURTH ELECTION DISTRICT
CABIN BRANCH FARM
PLAT NO. 10477
HOWARD COUNTY, MARYLAND

SCALE: 1"=100' DATE: 5-4-12
DRAWN BY: AP FILE #: 121650-565

LEGEND:

-X-	FENCE
B/E	BASEMENT ENTRANCE
B/W	BAY WINDOW
BR	BRICK
BRL	BLDG. RESTRICITON LINE
BSMT	BASEMENT
C/S	CONCRETE STOOP
CONC	CONCRETE
D/W	DRIVEWAY
FR	FRAME
MAC	MACADAM
O/H	OVERHANG
PUE	PUBLIC UTILITY ESMT.

COLOR KEY:

(RED) – RECORD INFORMATION
(BLUE) – IMPROVEMENTS
(GREEN) – ESMTS & RESTRICTION LINES

A Land Surveying Company
DULEY and Associates, Inc.
Serving D.C. and MD.
14604 Elm Street, Upper Marlboro, MD 20772
Phone: 301-888-1111 Fax: 301-888-1114
Phone: 1-888-88-DULEY Fax: 1-888-55-DULEY

STATE OF MARYLAND
JEROME C. MAMAUAG
No. 21325
PROFESSIONAL LAND SURVEYOR

SURVEYOR'S CERTIFICATE

I HEREBY STATE THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEY WORK REFLECTED HEREIN AND IT IS IN COMPLIANCE WITH THE REQUIREMENTS SETFORTH IN REGULATION 12 CHAPTER 09.13.06 OF THE CODE OF MARYLAND ANNOTATED REGULATIONS. THIS SURVEY IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OF FENCES, BUILDING, OR OTHER IMPROVEMENTS, THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING. THE LEVEL OF ACCURACY FOR THIS DRAWING IS 1'±. NO TITLE REPORT WAS FURNISHED TO NOR DONE BY THIS COMPANY. SAID PROPERTY SUBJECT TO ALL NOTES, RESTRICTIONS AND EASEMENTS OF RECORD. BUILDING RESTRICTION LINES AND EASEMENTS MAY NOT BE SHOWN ON THIS SURVEY. IMPROVEMENTS WHICH IN THE SURVEYOR'S OPINION APPEAR TO BE IN A STATE OF DISREPAIR OR MAY BY CONSIDERED "TEMPORARY" MAY NOT BE SHOWN. IF IT APPEARS ENCROACHMENTS MAY EXIST, A BOUNDARY SURVEY IS RECOMMENDED TO DETERMINE THE EXACT LOCATION OF IMPROVEMENTS.

DULEY & ASSOC.
WILL GIVE YOU A 100% FULL CREDIT TO UPGRADE THIS SURVEY TO A "BOUNDARY/STAKE" SURVEY FOR ONE YEAR FROM THE DATE OF THIS SURVEY
(EXLCUDING D.C. & BALT. CITY)

HOWARD COUNTY HEALTH DEPARTMENT

64025

DATE 10/11/18

WS

Received From Chesapeake Geosystems Inc. PHONE # 410 489-3020

For Well Permit / 3250 Starting Gate Ct

☐ CASH

☒ CHECK

NO. 39100

One hundred sixty Dollars

$ 160.00

Received By