



# HOWARD COUNTY HEALTH DEPARTMENT

64047

Received  
From

Chesapeake Gas & Stone

DATE

05/18

W5

PHONE #

289-5020

☐ CASH  
☒ CHECK

NO.

39110

For

Will Permut (grothermal)-  
6474 Skyward Ct.

One hundred sixty

Dollars

\$

160.00

Received By

J King

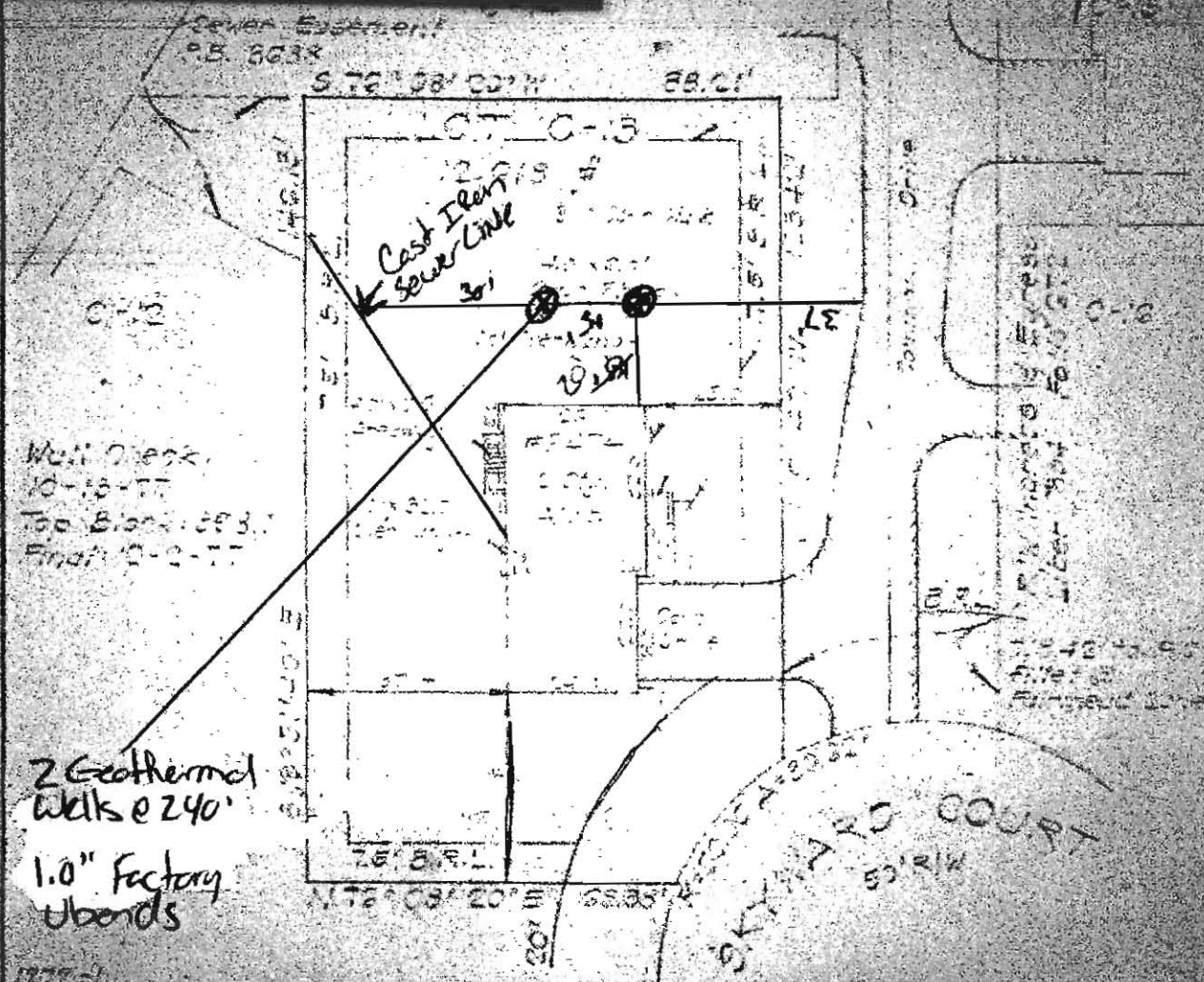


|  |                                |  |   |
|--|--------------------------------|--|---|
| <b>B 1</b><br><div style="font-size: 2em; font-weight: bold; margin-top: 10px;">62886</div>  | SEQUENCE NO.<br>(MDE USE ONLY) | <b>STATE OF MARYLAND</b><br><b>APPLICATION FOR PERMIT TO DRILL WELL</b><br>please type   | STATE PERMIT NUMBER<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">HO-17-0368</div> |
| Date Received (APA)<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">10-25-18</div>  |                                | <b>B 3</b><br><b>LOCATION OF WELL</b><br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Howard County</div> |   |
| <b>OWNER INFORMATION</b><br>8 MM DD YY 13<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Frank Thomas</div>  |                                | 21<br>23 SUBDIVISION<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">C13</div>                            |   |
| 15 Last Name Owner First Name 34<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">6474 Skyward Court</div>   |                                | 42<br>SECTION 44 46 LOT 48 50<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Columbia</div>              |   |
| 36 Street or RFD 55<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Columbia, MD 21045</div>  |                                | 52 NEAREST TOWN 71<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Columbia</div>                         |   |
| 57 Town 70 State 72 Zip 76<br>   |                                |  |   |
| <b>DRILLER INFORMATION</b><br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Jeff Corron M W D 567</div>  |                                |  |   |
| Driller's Name 76 License No. 81<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Chesapeake Geosystems, Inc.</div>  |                                |  |   |
| Firm Name<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">6720 Fort Smallwood Rd Balt.</div>  |                                |  |   |
| Address<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Jeff Corron 10/10/18</div>  |                                |  |   |
| Signature Date<br>   |                                |  |   |
| <b>B 2</b><br><b>WELL INFORMATION</b><br>APPROX. PUMPING RATE (GAL. PER MIN.) 8 12<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">N/A</div>  |                                |  |   |
| AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">N/A</div>  |                                |  |   |
| <b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> DOMESTIC POTABLE SUPPLY &amp; RESIDENTIAL IRRIGATION<br/> <input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)<br/> <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING<br/> <input type="checkbox"/> PUBLIC WATER SUPPLY WELL<br/> <input type="checkbox"/> TEST, OBSERVATION, MONITORING<br/> <input type="checkbox"/> OPEN LOOP GEOTHERMAL<br/> <input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL         </div> <div style="width: 45%; text-align: right;">           22         </div> </div> |                                |  |   |
| <b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b><br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Howard County</div>  |                                |  |   |
| COUNTY NAME COUNTY NO.<br>STATE SIGNATURE<br>DATE ISSUED 11/16/18<br>CO SIGNATURE<br>EXP. DATE 11/21/2018  |                                |  |   |
| <b>PROPOSED LOCATION OF WELL ON LOT</b><br>SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">Fairmead Lane</div>  |                                |  |   |
| APPROXIMATE DEPTH OF WELL 24 28 FEET<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">480</div>  |                                |  |   |
| APPROXIMATE DIAMETER OF WELL INCH<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">6</div>   |                                |  |   |
| <b>METHOD OF DRILLING (circle one)</b><br>BORED (or Augered) JETTED Jetted & DRIVEN<br>30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)<br>37 CABLE REVERSE-ROTARY DRIVE-POINT<br>other  |                                |  |   |
| <b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b><br><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL<br><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED<br>39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS<br><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL<br>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52   |                                |  |   |
| <b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b><br>APPROP. PERMIT NUMBER<br><div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">HO-17-0368</div>  |                                |  |   |
| SPECIAL CONDITIONS<br>NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED  |                                |  |   |

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.



HO-17-0368



I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments.



6057

ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MD. 20904  
TEL. NO 583-3400

TEL NO 583-3400

|                   |                       |                      |
|-------------------|-----------------------|----------------------|
| REFERENCE         | DRAWN BY <i>ES</i>    | CHECKED BY <i>AS</i> |
| Plan Book<br>3538 | DATE <i>12-5-77</i>   | FILE NO.             |
|                   | SCALE <i>1" = 50'</i> |                      |

APPROVED <sup>20'</sup> SETBACK REDLINE 11/16/2018  11/13/2018 

# WELL SCHEMATIC FORM

GROUND SURFACE

PERMANENT  
OUTER  
CASING

CONFINING UNIT

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 ☒ NO ☐

DIAMETER 1" \_\_\_\_\_

LENGTH 255' \_\_\_\_\_

GROUT

MATERIAL Bentanite \_\_\_\_\_

PERMEABILITY 1x10<sup>-7</sup> \_\_\_\_\_

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 240' \_\_\_\_\_

DIAMETER OF BOREHOLE 6" \_\_\_\_\_

WELL ADDRESS 6474 Skyward  
Ct. Columbia Md 21045

LOT NUMBER: \_\_\_\_\_

SQUARE NUMBER: \_\_\_\_\_

WELL OWNER:  
Tom FRANK

OWNER ADDRESS:  
6474 Skyward  
Ct. Columbia Md  
21045