

|            |                             |   |   |
|------------|-----------------------------|---|---|
| <b>B 1</b> | SEQUENCE NO. (MDE USE ONLY) | STATE OF MARYLAND<br><b>APPLICATION FOR PERMIT TO DRILL WELL</b><br>please type | STATE PERMIT NUMBER<br><b>HO - 22 - 0175</b>      |
|            |                             | 5879081   | 70 <small>fill in this form completely</small> 79 |

**OWNER INFORMATION**

Date Received (APA) 12/24/24  
 8 MM DD YY 13

Kuruvilla Ajit  
 15 Last Name Owner First Name 34

8129 Huntfield DR  
 36 Street or RFD 55

FULTON MD 20759  
 57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

Howard  
 8 COUNTY 21

2001 Huntersbrook  
 23 SUBDIVISION 42

SECTION 44 LOT 13  
 44 48 46 50

FULTON  
 52 NEAREST TOWN 71

**DRILLER INFORMATION**

Wesley Wolfe MWD 598  
 76 Driller's Name License No. 81

Allied Well Drilling  
 Firm Name

Box 129 Annapolis Junction Md 20701  
 Address

Wesley A Wolfe 12/27/24  
 Signature Date

**SOURCES OF DRILLING WATER**

8129 Huntfield DR  
 11 STREET ADDRESS 30

1. PUBLIC

2.

3.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 60' 37  
 DISTANCE FROM ROAD FT

ENTER FT OR MI FT 38 39

TAX MAP: 0046 BLK: 9999 PARCEL 0360

**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)**

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

1/21/25 Drill - Survey up or in the 3rd hole

12/11/24 2nd hole had a 2.5pm WBR @ 2' (1950)

3 Loops

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard 13  
 COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S → 41

DATE ISSUED 1/10/25 1/10/26  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE

Don: 1/21/25 Doc: 1/27/25

APPROXIMATE DEPTH OF WELL 400 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH  
 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

AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)

CABLE  REVERSE-ROTARY  DRIVE-POINT

other \_\_\_\_\_



**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

N THIS WELL WILL NOT REPLACE AN EXISTING WELL 1/27/25

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

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-22-0175  
 70 71 72 73 74 75 76 77 78 79

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.

**SPECIAL CONDITIONS**

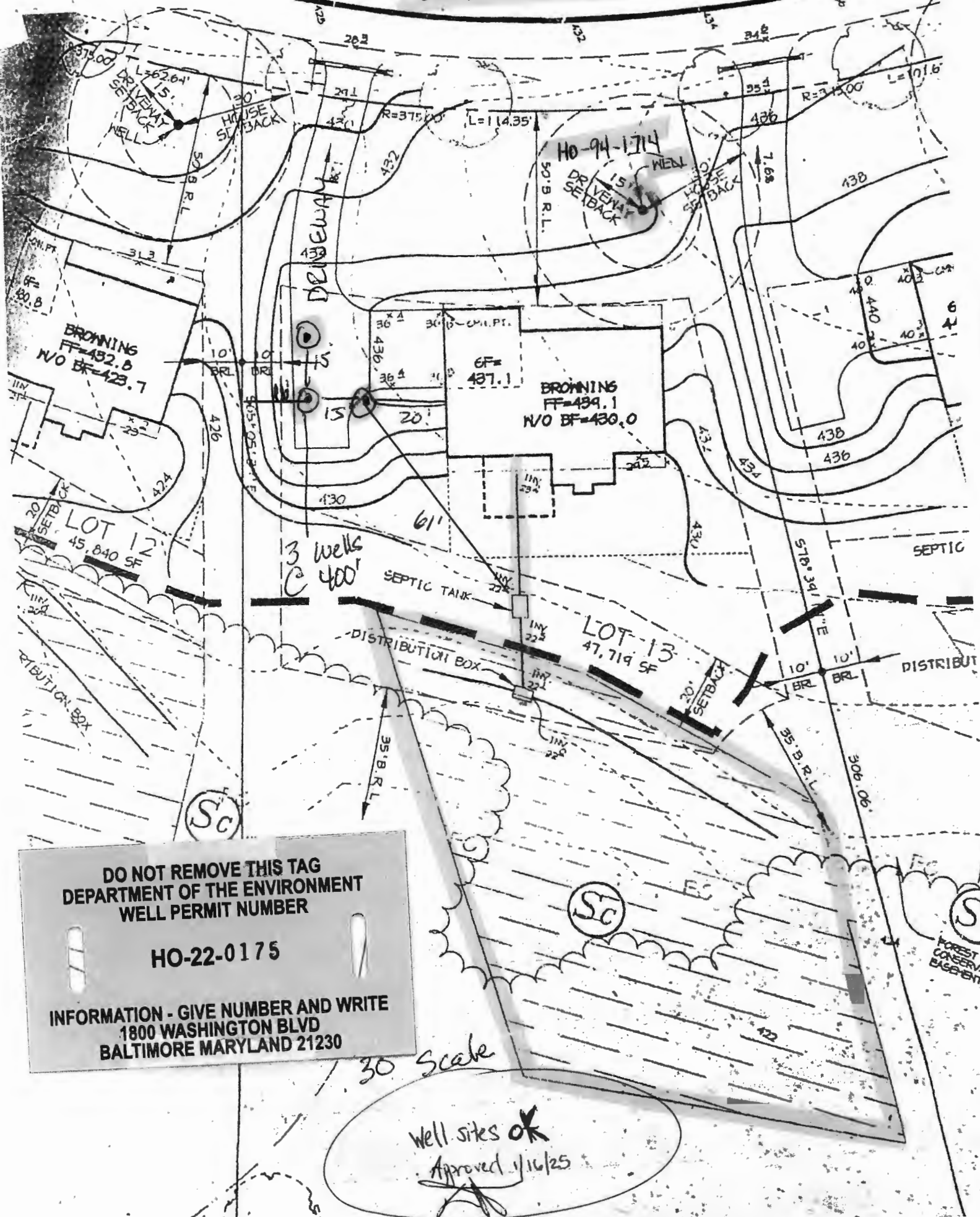
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED- grout bars from bottom to top.

|  |              |  |  |  |
|--|--------------|--|--|--|
| <b>C1</b>  | <b>79869</b> | SEQUENCE NO.<br>(MDE USE ONLY)           | <b>STATE OF MARYLAND</b><br><b>WELL COMPLETION REPORT</b><br>FILL IN THIS FORM COMPLETELY<br>PLEASE TYPE | THIS REPORT MUST BE SUBMITTED WITHIN<br>45 DAYS AFTER WELL IS COMPLETED. |
| 1 2 3 4 5 6<br>(THIS NUMBER IS TO BE PUNCHED<br>IN COLS. 3-6 ON ALL CARDS) |              |  |  |  |
| ST/CO USE ONLY<br>DATE Received<br>MM <u>11</u> DD <u>11</u> YR <u>11</u>  |              | DATE WELL COMPLETED<br>MM <u>1-25-25</u> |  | PERMIT NO.<br>FROM "PERMIT TO DRILL WELL"<br><u>HC-22-0175</u>           |
| 8 13   |              | 15 20                                    |  | 22 400 26<br>(TO NEAREST FOOT)   |
| OWNER <u>Kilgusville Apt</u>   |              | TOWN <u>Fulton, MD</u>                   |  |  |
| WELL SITE ADDRESS <u>8108 Huntfield Dr</u>                                 |              | SECTION <u>B</u>                         |  | LOT <u>13</u>  |
| SUBDIVISION  |              | SECTION                                  |  | LOT  |

| <p style="text-align:center;"><b>WELL LOG</b></p> <p style="text-align:center;">Not required for driven wells</p> <p style="text-align:center;">STATE THE KIND OF FORMATIONS PENETRATED, THEIR<br/>COLOR, DEPTH, THICKNESS AND IF WATER BEARING</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use<br/>additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">check<br/>if water<br/>bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr><td>Brn soil</td><td>0</td><td>5</td><td></td></tr> <tr><td>Yell sand</td><td>5</td><td>10</td><td></td></tr> <tr><td>Brn soil</td><td>11</td><td>20</td><td></td></tr> <tr><td>Brn rd Iron</td><td>20</td><td>40</td><td></td></tr> <tr><td>Brn Rock</td><td>40</td><td>60</td><td></td></tr> <tr><td>gray rock</td><td>60</td><td>120</td><td></td></tr> <tr><td>Red Gg Rock</td><td>120</td><td>180</td><td></td></tr> <tr><td>Drn Rock</td><td>180</td><td>400</td><td></td></tr> </tbody> </table> <p style="text-align:center;">(Geothermal)<br/>3 at 100 ft</p> | DESCRIPTION (Use<br>additional sheets if needed)   | FEET  |     | check<br>if water<br>bearing | FROM                         | TO    | Brn soil | 0     | 5     |       | Yell sand | 5     | 10    |       | Brn soil | 11    | 20    |       | Brn rd Iron | 20    | 40    |       | Brn Rock | 40    | 60    |       | gray rock | 60    | 120   |       | Red Gg Rock | 120   | 180 |  | Drn Rock | 180 | 400 |  | <p style="text-align:center;"><b>GROUTING RECORD</b></p> <p>WELL HAS BEEN GROUTED<br/>(Circle Appropriate Box) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</p> <p>TYPE OF GROUTING MATERIAL (Circle one)<br/>CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input type="checkbox"/> BC</p> <p>NO. OF BAGS <u>54</u> NO. OF POUNDS <u>5700</u></p> <p>GALLONS OF WATER <u>1350</u></p> <p>DEPTH OF GROUT SEAL (to nearest foot)<br/>from <u>0</u> ft. to <u>400</u> ft.<br/>48 TOP 52 54 BOTTOM 58<br/>(enter 0 if from surface)</p> <p style="text-align:center;"><b>CASING RECORD</b></p> <p style="text-align:center;">(insert appropriate code below)</p> <table style="width:100%;"> <tr> <td style="text-align:center;"><input checked="" type="checkbox"/> ST<br/>STEEL</td> <td style="text-align:center;"><input type="checkbox"/> CO<br/>CONCRETE</td> </tr> <tr> <td style="text-align:center;"><input type="checkbox"/> PL<br/>PLASTIC</td> <td style="text-align:center;"><input type="checkbox"/> OT<br/>OTHER</td> </tr> </table> <p>MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)</p> <table style="width:100%;"> <tr> <td style="text-align:center;">60 61</td> <td style="text-align:center;">63 64</td> <td style="text-align:center;">66 70</td> </tr> </table> <p>OTHER CASING (if used) diameter inch depth (feet) from to</p> <p>E A C H C A S I N G</p> | <input checked="" type="checkbox"/> ST<br>STEEL | <input type="checkbox"/> CO<br>CONCRETE | <input type="checkbox"/> PL<br>PLASTIC | <input type="checkbox"/> OT<br>OTHER | 60 61 | 63 64 | 66 70 | <p style="text-align:center;"><b>C 3</b></p> <p style="text-align:center;"><b>PUMPING TEST</b></p> <p>HOURS PUMPED (nearest hour) <u>8</u> <u>9</u></p> <p>PUMPING RATE (gal. per min.) <u>11</u> <u>15</u></p> <p>METHOD USED TO MEASURE PUMPING RATE</p> <p>WATER LEVEL (distance from land surface)</p> <p>BEFORE PUMPING <u>17</u> <u>20</u> ft.</p> <p>WHEN PUMPING <u>22</u> <u>25</u> ft.</p> <p>TYPE OF PUMP USED (for test)</p> <table style="width:100%;"> <tr> <td><input checked="" type="checkbox"/> A air</td> <td><input type="checkbox"/> P piston</td> <td><input type="checkbox"/> T turbine</td> </tr> <tr> <td><input type="checkbox"/> C centrifugal</td> <td><input type="checkbox"/> R rotary</td> <td><input type="checkbox"/> O other (describe below)</td> </tr> <tr> <td><input type="checkbox"/> J jet</td> <td><input type="checkbox"/> S submersible</td> <td></td> </tr> </table> | <input checked="" type="checkbox"/> A air | <input type="checkbox"/> P piston | <input type="checkbox"/> T turbine | <input type="checkbox"/> C centrifugal | <input type="checkbox"/> R rotary | <input type="checkbox"/> O other (describe below) | <input type="checkbox"/> J jet | <input type="checkbox"/> S submersible |  |
|--|--|---|-----|------------------------------|------------------------------|-------|----------|-------|-------|-------|-----------|-------|-------|-------|----------|-------|-------|-------|-------------|-------|-------|-------|----------|-------|-------|-------|-----------|-------|-------|-------|-------------|---|-----|--|----------|-----|-----|--|---|---|---|--|--------------------------------------|-------|-------|-------|--|---|-----------------------------------|------------------------------------|--|-----------------------------------|---|--------------------------------|--|--|
| DESCRIPTION (Use<br>additional sheets if needed)   |  | FEET  |     |                              | check<br>if water<br>bearing |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
|  | FROM   | TO  |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Brn soil   | 0  | 5   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Yell sand  | 5  | 10  |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Brn soil   | 11   | 20  |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Brn rd Iron  | 20   | 40  |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Brn Rock   | 40   | 60  |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| gray rock  | 60   | 120   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Red Gg Rock  | 120  | 180   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| Drn Rock   | 180  | 400   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <input checked="" type="checkbox"/> ST<br>STEEL  | <input type="checkbox"/> CO<br>CONCRETE  |   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <input type="checkbox"/> PL<br>PLASTIC   | <input type="checkbox"/> OT<br>OTHER   |   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| 60 61  | 63 64  | 66 70   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <input checked="" type="checkbox"/> A air  | <input type="checkbox"/> P piston  | <input type="checkbox"/> T turbine                |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <input type="checkbox"/> C centrifugal   | <input type="checkbox"/> R rotary  | <input type="checkbox"/> O other (describe below) |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <input type="checkbox"/> J jet   | <input type="checkbox"/> S submersible   |   |     |                              |                              |       |          |       |       |       |           |       |       |       |          |       |       |       |             |       |       |       |          |       |       |       |           |       |       |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| <p>NUMBER OF UNSUCCESSFUL WELLS: <u>0</u></p> <p>WELL HYDROFRACTURED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N</p> <p style="text-align:center;">CIRCLE APPROPRIATE LETTER</p> <p><b>A</b> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED</p> <p><b>E</b> ELECTRIC LOG OBTAINED</p> <p><b>P</b> TEST WELL CONVERTED TO PRODUCTION WELL</p> <p>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.</p> <p>DRILLERS LIC. NO. <u>M D 5918</u></p> <p>DRILLERS SIGNATURE <u>[Signature]</u><br/>(MUST MATCH SIGNATURE ON APPLICATION)</p> <p>LIC. NO. <u>D</u></p> <p>SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)</p>   | <p style="text-align:center;"><b>C 2</b></p> <p style="text-align:center;">DEPTH (nearest ft.)</p> <table style="width:100%;"> <tr> <td style="text-align:center;">1 2</td> <td style="text-align:center;">3 4</td> <td style="text-align:center;">5 6</td> <td style="text-align:center;">7 8</td> <td style="text-align:center;">9 10</td> <td style="text-align:center;">11 12</td> <td style="text-align:center;">13 14</td> <td style="text-align:center;">15 16</td> <td style="text-align:center;">17 18</td> <td style="text-align:center;">19 20</td> <td style="text-align:center;">21 22</td> <td style="text-align:center;">23 24</td> <td style="text-align:center;">25 26</td> <td style="text-align:center;">27 28</td> <td style="text-align:center;">29 30</td> <td style="text-align:center;">31 32</td> <td style="text-align:center;">33 34</td> <td style="text-align:center;">35 36</td> <td style="text-align:center;">37 38</td> <td style="text-align:center;">39 40</td> <td style="text-align:center;">41 42</td> <td style="text-align:center;">43 44</td> <td style="text-align:center;">45 46</td> <td style="text-align:center;">47 48</td> <td style="text-align:center;">49 50</td> <td style="text-align:center;">51 52</td> <td style="text-align:center;">53 54</td> <td style="text-align:center;">55 56</td> <td style="text-align:center;">57 58</td> <td style="text-align:center;">59 60</td> </tr> </table> <p>SLOT SIZE 1 <u>2</u> 3</p> <p>DIAMETER OF SCREEN (NEAREST INCH) <u>56</u> <u>60</u></p> <p>from to</p> <p>GRAVEL PACK IF WELL DRILLED IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 <u>68</u></p> <p style="text-align:center;"><b>MDE USE ONLY</b><br/>(NOT TO BE FILLED IN BY DRILLER)</p> <p>T (E.R.O.S.) W Q</p> <p>70 72 74 75 76</p> <p>TELESCOPE CASING LOG INDICATOR OTHER DATA</p> | 1 2   | 3 4 | 5 6                          | 7 8                          | 9 10  | 11 12    | 13 14 | 15 16 | 17 18 | 19 20     | 21 22 | 23 24 | 25 26 | 27 28    | 29 30 | 31 32 | 33 34 | 35 36       | 37 38 | 39 40 | 41 42 | 43 44    | 45 46 | 47 48 | 49 50 | 51 52     | 53 54 | 55 56 | 57 58 | 59 60       | <p style="text-align:center;"><b>PUMP INSTALLED</b></p> <p>DRILLER INSTALLED PUMP YES NO</p> <p>(CIRCLE) (YES or NO)</p> <p>IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.</p> <p>TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 <u>29</u></p> <p>CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u></p> <p>PUMP HORSE POWER <u>37</u> <u>41</u></p> <p>PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u></p> <p>CASING HEIGHT (circle appropriate box and enter casing height)</p> <p><input checked="" type="checkbox"/> + above } LAND SURFACE (nearest foot)</p> <p><input type="checkbox"/> - below } <u>50</u> <u>51</u></p> <p>LATITUDE <u>39.14614</u></p> <p>LONGITUDE <u>76.92950</u></p> <p>(DEFAULT COORD. WGS 84)</p> <p>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.</p> |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |
| 1 2  | 3 4  | 5 6   | 7 8 | 9 10                         | 11 12                        | 13 14 | 15 16    | 17 18 | 19 20 | 21 22 | 23 24     | 25 26 | 27 28 | 29 30 | 31 32    | 33 34 | 35 36 | 37 38 | 39 40       | 41 42 | 43 44 | 45 46 | 47 48    | 49 50 | 51 52 | 53 54 | 55 56     | 57 58 | 59 60 |       |             |   |     |  |          |     |     |  |   |   |   |  |                                      |       |       |       |  |   |                                   |                                    |  |                                   |   |                                |  |  |

8129 Huntfield Dr Folton Md



**DO NOT REMOVE THIS TAG**  
**DEPARTMENT OF THE ENVIRONMENT**  
**WELL PERMIT NUMBER**

**HO-22-0175**

**INFORMATION - GIVE NUMBER AND WRITE**  
**1800 WASHINGTON BLVD**  
**BALTIMORE MARYLAND 21230**

30 Scale

Well sites OK  
 Approved 1/16/25

**From:** Wes Wolfe <[weswolfe@alliedwells.com](mailto:weswolfe@alliedwells.com)>  
**Sent:** Wednesday, January 15, 2025 9:40 AM  
**To:** Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)>  
**Cc:** Burns, Matthew <[mburns@howardcountymd.gov](mailto:mburns@howardcountymd.gov)>; Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>; Rappaport, Ryan <[RRappaport@howardcountymd.gov](mailto:RRappaport@howardcountymd.gov)>  
**Subject:** Re: 8129 Huntfield dr geo application

Yep they are well aware. That is all being taken care of with out sourced contractors for repair after completion

**Wes Wolfe**

Director of Residential Services



P.O. Box 129

Annapolis Junction, MD 20701

301-606-7169

301-776-8370 office

301-776-8374 fax

[alliedwells.com](http://alliedwells.com)

On Wed, Jan 15, 2025 at 9:15 AM Page, Shepsura <[spage@howardcountymd.gov](mailto:spage@howardcountymd.gov)> wrote:

Morning Wes,

Ryan is still out sick today, sorry for the wait. I'm now reviewing the permit.

Also, we wanted to know the procedure for drilling on the driveway/ installing a line to the house. Is the homeowner aware their driveway will be damaged?

Thanks,

Shepsura Page, EH Specialist, Well & Septic Program

Howard County Health Department, 8930 Stanford Blvd.

GRADE

EACH BORE HOLE (TYP.)

MINIMUM

HORIZONTAL BURY

DEPTH 4 FT

FOR CONT.  
SEE PLANS

HORIZONTAL  
PIPING

BORE DEPTH

TAPE

5 TO 10 FOOT SECTION OF  
REBAR TO GUIDE TUBE  
INTO BORE DURING  
INSTALLATION

ANCHOR FITTING TO  
PREVENT U-TUBE FROM  
SURFACING AFTER  
INSTALLATION

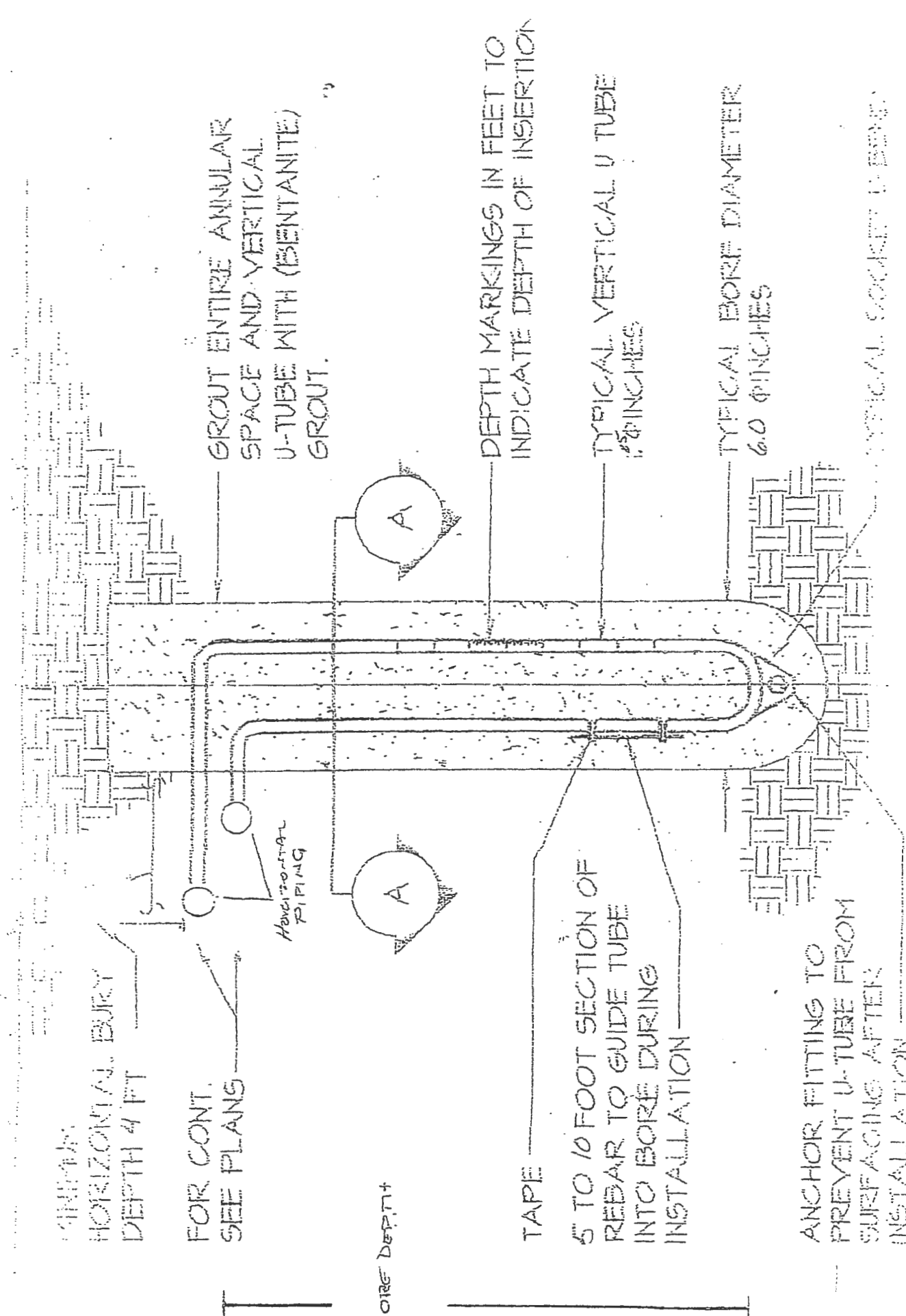
GROUT ENTIRE ANNULAR  
SPACE AND VERTICAL  
U-TUBE WITH (BENTONITE)  
GROUT.

DEPTH MARKINGS IN FEET TO  
INDICATE DEPTH OF INSERTION

TYPICAL VERTICAL U TUBE  
PINCHES

TYPICAL BORE DIAMETER  
6.0 PINCHES

TYPICAL SOCKET U-BEARING



## **HOWARD COUNTY GROUTING PROCEDURE**

Boreholes will be grouted from the bottom to the top via a tremie pipe and positive displacement pump. Bentonite grout, known as Quik-Grout will be used according to the manufacturer's specifications to achieve a consistency of at least 20% solids (24 gallons potable water/50 lb. sack of grout) and a permeability no more than  $2.5 \text{ E}(-08) \text{ cm/sec}$ . Grouting will be completed immediately after installing the geothermal loop and no later than twenty-four (24) hours after installing the geothermal loop. Open boreholes/annular space will be protected as necessary to prevent the entry of surface water or pollutants.

**RECEIPT**

Howard County, MD  
HOWARD COUNTY HEALTH DEPARTMENT  
ASCEND ONE BUILDING  
Columbia, MD 21045  
8930 STANFORD BLVD

**Application:** WS-WP-25-00030  
**Application Type:** EnvHealth/Well and Septic/Installation/Application  
**Address:** 8129 HUNTFIELD DR, FULTON, MD 20759

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|                       |                   |                    |                     |                   |                 |                          |
|-----------------------|-------------------|--------------------|---------------------|-------------------|-----------------|--------------------------|
| <b>Receipt No.</b>    | 11436             |                    |                     |                   |                 |                          |
| <b>Payment Method</b> | <b>Ref Number</b> | <b>Amount Paid</b> | <b>Payment Date</b> | <b>Cashier ID</b> | <b>Received</b> | <b>Comments</b>          |
| Check                 | 34270             | \$160.00           | 01/08/2025          | SMARTIN           |                 | PREVIOUSLY PAID 12/27/24 |

**Owner Info.:** AJIT KURUVILLA  
8129 HUNTFIELD DRIVE  
FULTON, MD 20759

**Work Description:** GEOTHERMAL WELL