

<b>C 1</b> <span style="font-size: 24pt; font-weight: bold;">37024</span>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.																										
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	COUNTY NUMBER																												
ST/CO USE ONLY DATE Received MM DD YY 8 1 13	DATE WELL COMPLETED MM DD YY 11 04 16	Depth of Well 22 320' 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 11/30/16 SC 140-15-0325																										
OWNER <u>Cox</u> <u>Mathew</u> WELL SITE ADDRESS <u>9383 Spring Lake Park</u> TOWN <u>Jessup</u> SUBDIVISION <u>Village of Kings Court</u> SECTION <u>22</u> LOT <u>22</u>																													
<b>WELL LOG</b> Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>moist Brown Fine sandy, Clayey silt w/ small Boulders</td> <td>0</td> <td>15'</td> <td></td> </tr> <tr> <td>moist STIFF Gray Fine Sandy Clayey silt</td> <td>15'</td> <td>32'</td> <td></td> </tr> <tr> <td>Weathered Rock</td> <td>32'</td> <td>45'</td> <td></td> </tr> <tr> <td>Rock</td> <td>45'</td> <td>320'</td> <td></td> </tr> <tr> <td>2nd Geothermal</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing	FROM	TO	moist Brown Fine sandy, Clayey silt w/ small Boulders	0	15'		moist STIFF Gray Fine Sandy Clayey silt	15'	32'		Weathered Rock	32'	45'		Rock	45'	320'		2nd Geothermal				<b>GROUTING RECORD</b> WELL HAS BEEN GROUTED (Circle Appropriate Box) <b>Y</b> <b>N</b> TYPE OF GROUTING MATERIAL (Circle one) CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b> NO. OF BAGS <u>13</u> NO. OF POUNDS <u>250</u> GALLONS OF WATER <u>312</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0'</u> TOP <u>52</u> ft. to <u>320'</u> BOTTOM <u>58</u> ft. (enter 0 if from surface)	
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<b>C 2</b> NUMBER OF UNSUCCESSFUL WELLS: _____ WELL HYDROFRACTURED <b>Y</b> <b>N</b> CIRCLE APPROPRIATE LETTER <b>A</b> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED <b>E</b> ELECTRIC LOG OBTAINED <b>P</b> 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.		<b>PUMPING TEST</b> HOURS PUMPED (nearest hour) <u>8</u> <u>9</u> PUMPING RATE (gal. per min.) <u>11</u> <u>15</u> METHOD USED TO MEASURE PUMPING RATE _____ WATER LEVEL (distance from land surface) BEFORE PUMPING <u>17</u> <u>20</u> ft. WHEN PUMPING <u>22</u> <u>25</u> ft. TYPE OF PUMP USED (for test) <b>A</b> air <b>P</b> piston <b>T</b> turbine <b>C</b> centrifugal <b>R</b> rotary <b>O</b> other (describe below) <b>J</b> jet <b>S</b> submersible																											
DRILLERS LIC. NO. <u>MWD 580</u> DRILLERS SIGNATURE _____ (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. <u>D</u>		<b>PUMP INSTALLED</b> DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or 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) <u>29</u> IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u> PUMP HORSE POWER <u>37</u> <u>41</u> PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u> CASING HEIGHT (circle appropriate box and enter casing height) <b>+</b> above } LAND SURFACE <b>-</b> below } (nearest foot) <u>49</u> <u>50</u> <u>51</u>																											
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		LATITUDE <u>39.148616</u> LONGITUDE <u>76.838450</u> (DEFAULT COORD. WGS 84) 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.																											

B 1	35165	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type 559787	STATE PERMIT NUMBER H0 - 15 - 0325 fill in this form completely	
Date Received (APA) 100316 8 MM DD YY 13		OWNER INFORMATION			
15 Last Name Cox		Owner McHale		34 First Name	
36 Street or RFD 9383 Spring Water Path		55		57 Town Jessup	
70 State MD		72 Zip 20794		76	
DRILLER INFORMATION					
76 Driller's Name Edward Gooss		81 License No. MUD 580			
Firm Name Long Green Drilling					
Address 12238 Long Green Pike SVA Glen Arden					
Signature [Signature] Date 9/25/16					
B 2		WELL INFORMATION			
1		APPROX. PUMPING RATE (GAL. PER MIN.)		8 12	
2		AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		14 20	
USE FOR WATER (CIRCLE APPROPRIATE BOX)					
<input type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION					
<input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)					
22 <input checked="" type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING					
<input type="checkbox"/> PUBLIC WATER SUPPLY WELL					
<input type="checkbox"/> TEST, OBSERVATION, MONITORING					
<input type="checkbox"/> OPEN LOOP GEOTHERMAL					
<input checked="" type="checkbox"/> CLOSED LOOP GEOTHERMAL 2-Geothermal					
APPROXIMATE DEPTH OF WELL 320' 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 DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)					
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL					
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED					
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					
<input type="checkbox"/> 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)					
APPROX. PERMIT NUMBER - - - - - G - - - - -					
PERMIT No. H0 - 15 - 0325					
SPECIAL CONDITIONS					
NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED wells must be grouted from bottom to top.					

ORDERED BY:

*First Class*  
TITLE INC.

Please contact us at 301-770-4107

PROPERTY ADDRESS: 9383 SPRING WATER PATH JESSUP, MARYLAND 20794

SURVEY NUMBER: MD1

FIELD WORK DATE: 5/25/2013

REVISION HISTORY: (REV.0 5/28/2013)

MD1305.3005

LOCATION DRAWING

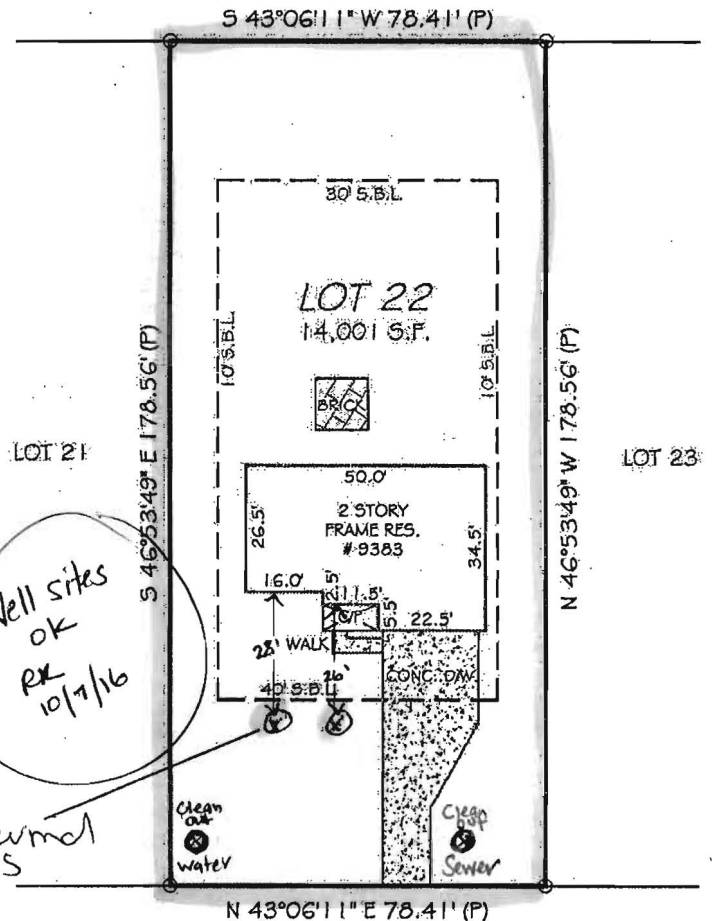
LOT 22

VILLAGE OF KINGS CONTRIVANCE, SECTION 5,

AREA 2, LOTS 1-69, SHEET 4 OF 6,

HOWARD COUNTY, MARYLAND

05-28-2013 SCALE 1"=40'



EXPIRES 10-26-14



GRAPHIC SCALE (In Feet)

1 inch = 40' ft.

ACCURACY=3±

POINTS OF INTEREST:

# Bore hole Cross Section

