| c1 01944   | SEQUENCE NO<br>(MDE USE ONLY                                      | STATE OF MARYLAND  | THIS REPORT MUST BE SUBMITTED AFTER<br>WELL IS COMPLETED.   |
|--|---|--|---|
| 1 2 3 6  |   | FILL IN THIS FORM COMPLETELY<br>PLEASE TYPE  | COUNTY<br>NUMBER  |
| ST/CO USE ONLY<br>DATE Received<br>MM DD YY  | DATE WELL CO  | PLETED Depth of Well<br>22 26<br>TO NUMBER FORT  | PERMIT NO.<br>FROM "PERMIT TO DRILL WELL"   |
| OWNER_ Kyle  | 4 Chates  |  | 28 29 30 31 32 33 34 35 36 37   |
| SUBDIVISION SECTION LOT  |   |  |   |
| WELL LOG<br>Not required for driven wells  |   | GROUTING RECORD VIES NO  | C 3 5m  |
| STATE THE KIND OF FORMATIONS PENETRATED, THEIR<br>COLOR, DEPTH, THICKNESS AND IF WATER BEARING   |   | (Circle Appropriate Box)<br>TYPE OF GROUTING MATERIAL (Circle one)   | PUMPING TEST<br>HOURS PLIMPED (nearest hour)  |
| DESCRIPTION (Use<br>additional sheets if needed)   | FEET che<br>if w<br>FROM TO bea                                   | CEMENT CM BENTONITE CLAY BC  | PLIMPING PATE (gol por min )  |
| Sandy Clay   | 1 20  | GALLONS OF WATER<br>DEPTH OF GROUT SEAL (to nearest foot)  | METHOD USED TO<br>MEASURE PUMPING RATE  |
| Softweatherd<br>Rock   | 20 30   | from 48 TOP 52 ft. to 54 BOTTOM (667) (enter 0 if from surface)  | WATER LEVEL (distance from land surface)<br>BEFORE PUMPING ft.  |
| Hard light grey<br>Noch  | 30 300  | types<br>insert<br>appropriate<br>code<br>below<br>ElaSTC<br>COC<br>CONCRETE<br>CONCRETE<br>DEL<br>OT<br>OTHER   | WHEN PUMPING<br>TYPE OF PUMP USED (for test)<br>air P piston T turbine  |
| Hard Dr. Coney<br>Rock   | 300 450   | MÁIN<br>CASING<br>TYPE<br>60 61<br>Nominal diameter<br>top (main) casing<br>(nearest inch)!<br>63 64<br>66<br>70<br>TYPE<br>66<br>70   | 27     27     27     27       C centrifugal     R     rotary     O     other (describe below)       27     j jet     S     submersible  |
| 2 closed 1   | XP2   | C Uspin (Teer)<br>H inch from to<br>C A<br>S I<br>N G<br>SCREEN RECORD<br>SCREEN RECORD<br>STELL BRASS<br>BRONZE<br>HOLE<br>OPEN<br>BRONZE<br>HOLE<br>OTTOTHER                     | PUMP INSTALLED         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)         IN BOX 29.         CAPACITY :         GALLONS PER MINUTE         (10 nearest gallon)         31         35         PUMP HORSE POWER         37 |
| NUMBER OF UNSUCCESSF   | UL WELLS:   |  | PUMP COLUMN LENGTH<br>(nearest ft.)   |
| WELL HYDROFRACTURED<br>CIRCLE APPROPRI<br>A A WELL WAS ABANDONE<br>WHEN THIS WELL WAS O<br>E ELECTRIC LOG OBTAINE  | Ves no<br>Y N<br>RIATE LETTER<br>ED AND SEALED<br>COMPLETED<br>ED | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   | CASING HEIGHT (circle appropriate box<br>and enter casing height)<br>(circle appropriate box<br>and enter casing height)<br>LAND SURFACE<br>(nearest)<br>foot)  |
| P TEST WELL CONVERTED<br>WELL<br>I HEREBY CERTIFY THAT THIS WEL<br>ACCORDANCE WITH COMAR 26.04.0<br>IN CONFORMANCE WITH ALL COMU<br>CAPTIONED PERMIT, AND THAT T<br>HEREIN IS ACCURATE AND COM<br>KNOWLEDGE.<br>DRILLERS LIC. NO.1<br>DRILLERS SIGNATURE<br>(MUST MATCH SIGNATURE OF | D TO PRODUCTION   | E       SLOT SIZE 1       2       3         N       DIAMETER       (NEAREST         OF SCREEN       56       60         IF WELL DRULED       1000000000000000000000000000000000000 | LOCATION OF WELL'ON LOT<br>SHOW PERMANENT STRUCTURES<br>AND INDICATE NOT LESS THAN<br>TWO DISTANCES<br>(MEASUREMENTS TO WELL)   |
| SITE SUPERVISOR (sign. of<br>responsible for sitework if diff  | driller or journeyman<br>erent from permittee)                    | T (E.R.O.S.) W Q<br>70 72 72<br>TELESCOPE LOG 74 75 76<br>INDICATOR OTHER DATA   |   |

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2 COUNTY

EMERGENCY/TEMP NO. IF ANY STATE PERMIT NUMBER SEQUENCE NO. STATE OF MARYLAND В (MDE USE ONLY) APPLICATION FOR PERMIT TO DRILL WELL please type 11 fill in this form completely 2 Date Received (APA) B 3 LOCATION OF WELL OWNER INFORMATION 8 COUNTY MM DD YY 13 Ood 180 Last Name **First Name** 34 23 SUBDIVISION 42 wner SECTION Street or RFD 36 55 57 State 52 NEAREST TOWN 71 Town 70 72 Zip 76 DRILLER INFORMATION MILES FROM TOWN (enter 0 if in town) 76 77 78 MSD/0 License No. B 4 Driller's Name DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Firm Name NEAR WHAT ROAD 30 N ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N Nw Addres: E 37 Signature Date W E 34 DISTANCE FROM ROAD B 2 WELL INFORMATION APPROX. PUMPING RATE 2 ENTER FT OR MI 38 39 (GAL. PER MIN.) 12 w PARCEL 40 BLK: X AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) S TAX MAP: 14 20 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL D IRRIGATION MI COUNTY NO. COUNTY NAME FARMING (LIVESTOCK WATERING & AGRICULTURAL F IRRIGATION STATE INSERT S 22 INDUSTRIAL, COMMERICIAL, DEWATERING 41 Π DATE ISSUED PUBLIC WATER SUPPLY WELL P EXP. DATE 42 48 CO SIGNATURE M T TEST, OBSERVATION, MONITORING EAST NORTH 000 000 GRID G GEO-THERMAL 50 SHOW MAJOR FEATURES OF BOX & LOCATE WELL \* APPROXIMATE DEPTH OF WELL I FEFT WITH AN Y 24 28 SOURCES OF DRILLING WATER NEAREST APPROXIMATE DIAMETER OF WELL INCH METHOD OF DRILLING (circle one) 3. **BORED** (or Augered) Jetted & DRIVEN JETTED 30 AIR-ROTary AIR-PERcussion **ROTARY** (Hydraulic Rotary) WRITE THE BOX NUMBER 37 CABLE **REVerse-ROTary DRive-POINT** FROM THE MAP HERE other REPLACEMENT OR DEEPENED WELLS 000 (CIRCLE APPROPRIATE BOX) ND THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN fore Y ABANDONED AND SEALED RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION THIS WELL WILL REPLACE A WELL THAT WILL BE USED S AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS 39 D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 52 41 Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER PERMIT No 75 78 77 78 79 SPECIAL CONDITIONS @ SEPARATE SH NOTE DENV-Permit 97 COUNTY

| SITE INSPECTION SHEET   |
|---|
| OWNER: <u>Charles Kyler</u><br>ADDRESS: <u>3570 Sylvan Lane</u><br>SUBDIVISION: LOT: <u>COUNTY #: P59026-A</u><br>PROPOSAL: <u>Drill Geothermal Bores</u> |
| LOCATION DIAGRAM  |
| House Proposed Borehole Locations<br>House Covered Area<br>Storage Area<br>Septic Tank<br>Shed  |
|   |

DATE: 1/6/2010 INSPECTOR: B, Baber



1/6/2010 Changed to 2 450 'boreholes. Boreholes. moved to beep maximum destance 1 50 2000 Septic Jank 个 个 FROM START OF TRUE TO PARLING AREA EDGOP IS 54 ONCA A 200' RUN ALLESS FOR HIU NE BUDG PALIGN G 2 GRASS House 1/6/2010 Met Bull Brom alled on Sute. PAVED DRIVE PARKING GARDEN REMINING WAR JUNG WA4



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