

**C 1** 36833 SEQUENCE NO. (MDE USE ONLY)

**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 13

ST/CO USE ONLY DATE Received 10/11/16 DATE WELL COMPLETED 09/19/2016 Depth of Well 320 PERMIT NO. FROM "PERMIT TO DRILL WELL" OK 10/17/16 SC H0-15-0298

OWNER Young Lynne WELL SITE ADDRESS 2638 Hobbs Road TOWN Glenwood, MD 21738

SUBDIVISION \_\_\_\_\_ SECTION \_\_\_\_\_ LOT \_\_\_\_\_

**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 |     | check if water bearing |
|-----------------------------------------------|------|-----|------------------------|
|                                               | FROM | TO  |                        |
| Silty Sand                                    |      |     |                        |
| St. ft. Brown Dry                             | 0    | 20  |                        |
| Rock, Hard Gray                               | 20   | 320 | ✓                      |
| Water at 140'                                 |      |     |                        |
| 8gpm                                          |      |     |                        |
| Installed 1.25" Closed Loop Geothermal        |      |     |                        |

**GROUTING RECORD** yes  no

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  BENTONITE CLAY

CEMENT  NO. OF BAGS 16 NO. OF POUNDS 808

GALLONS OF WATER 400

DEPTH OF GROUT SEAL (to nearest foot)  
 from 3 ft. to 320 ft.  
 (enter 0 if from surface)

**CASING RECORD**

caseing types insert appropriate code below

STEEL  CONCRETE  
 PLASTIC  OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

60 61 63 64 66 70

**OTHER CASING (if used)**  
 diameter inch depth (feet) from to

**SCREEN RECORD**

screen type or open hole insert appropriate code below

STEEL  BRASS  OPEN HOLE  
 BRONZE  PLASTIC  OTHER

**C 3**

**PUMPING TEST**

HOURS PUMPED (nearest hour) N/A

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

METHOD USED TO MEASURE PUMPING RATE N/A

WATER LEVEL (distance from land surface)

BEFORE PUMPING 40 ft.

WHEN PUMPING N/A ft.

TYPE OF PUMP USED (for test)

air  piston  turbine  
 centrifugal  rotary  other (describe below)  
 jet  submersible

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

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 [Signature]

LIC. NO. D

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

**C 2**

DEPTH (nearest ft.)

|   |    |    |    |    |    |    |
|---|----|----|----|----|----|----|
| 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 (NEAREST INCH)

56 60

from \_\_\_\_\_ to \_\_\_\_\_

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

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

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

70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

**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)

above } LAND SURFACE (nearest foot)  
 below }

LATITUDE 39.291699  
 LONGITUDE 77.012201  
 (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** SEQUENCE NO. (MDE USE ONLY) 43388 STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 558835 please type STATE PERMIT NUMBER H0-15-0298  
70 fill in this form completely 79

**OWNER INFORMATION**  
 Date Received (APA) 08/17/16  
 8 MM DD YY 13  
 15 Young Lynne Last Name Owner First Name 34  
 36 2638 Hobbs Road Street or RFD 55  
 57 Glenwood Maryland 21738 Town State Zip 76

**B 3** LOCATION OF WELL  
 8 Howard County COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
 52 Glenwood NEAREST TOWN 71

**DRILLER INFORMATION**  
 76 Jeff Corron Driller's Name 81 M WD 567 License No.  
 Firm Name Chesapeake Geosystems, Inc.  
 Address 6720 Fort Smallwood Rd Balt.  
 Signature Jeff Corron Date 8/16/16

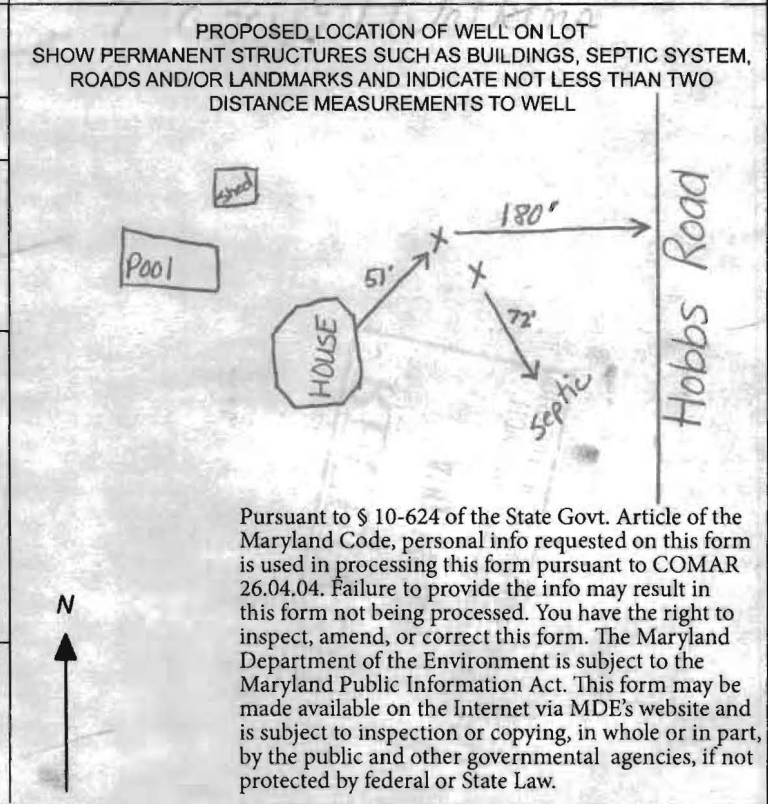
**B 4** SOURCES OF DRILLING WATER  
 1. municipal  
 2.  
 3.  
 11 2638 Hobbs Road STREET ADDRESS 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH N  
 WEST W 32 EAST E  
 SOUTH S  
 34 180 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39  
 TAX MAP: 14 BLK: 17 PARCEL 86

**B 2** WELL INFORMATION  
 1 2 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)**  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 OPEN LOOP GEOTHERMAL  
 CLOSED LOOP GEOTHERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
Howard COUNTY NAME (13) COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED 8/25/16 SAL L... CO SIGNATURE 8/25/17 EXP. DATE  
 43 MM DD YY 48

APPROXIMATE DEPTH OF WELL 240 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 6 INCH  
 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 \_\_\_\_\_

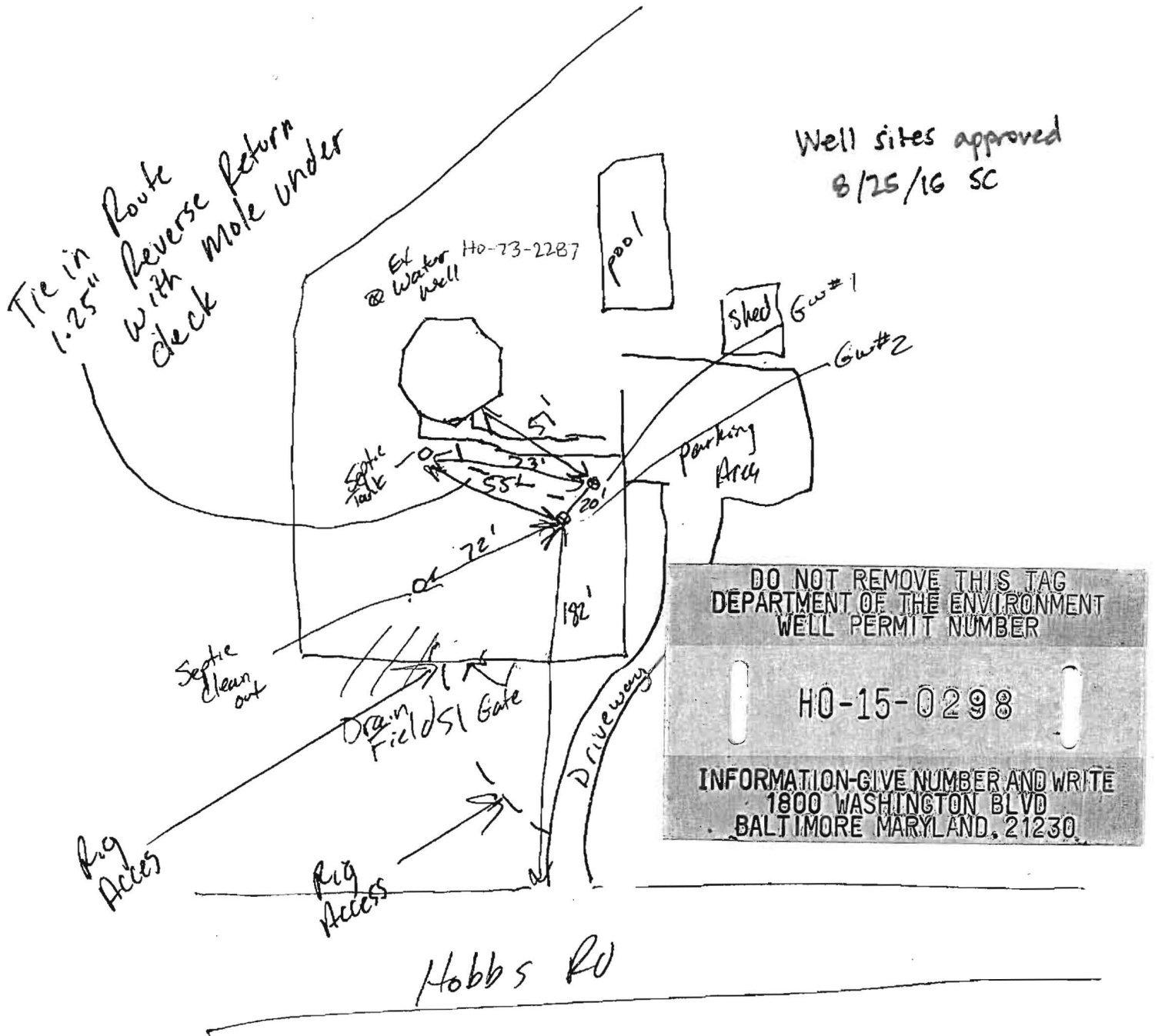
**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 39 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. H0-15-0298  
 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
 NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-  
39.297699 -77.012207

Lynne Young  
2638 Hobbs Rd  
Glenwood Md 21738

2 wells @ 240'  
1" Coops with  
Factory U-perd



Well sites approved  
8/25/16 SC

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

HO-15-0298

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







# WELL SCHEMATIC FORM

**GROUND SURFACE**

**PERMANENT OUTER CASING (if area contaminated)**

MATERIAL \_\_\_\_\_  
 DIAMETER \_\_\_\_\_  
 LENGTH \_\_\_\_\_ *N/A*  
 DEPTH INTO CONFINING UNIT \_\_\_\_\_

**PERMANENT OUTER CASING**

**TUBE CASING (If not regular, single loop)**

ATTACH HORIZONTAL SCHEMATIC \_\_\_\_\_  
 NUMBER OF TUBES PER BOREHOLE \_\_\_\_\_ *2*  
 DIAMETER OF TUBES \_\_\_\_\_ *1"*  
 MATERIAL \_\_\_\_\_ *HDPE*  
 SHAPE AND LENGTH \_\_\_\_\_  
 TUBE CONNECTION METHOD \_\_\_\_\_ *Fusion*  
 TUBE CONNECTION MATERIAL \_\_\_\_\_ *HDPE*

**CONFINING UNIT**

**LOOP PIPE CASING (regular, single loop)**

MATERIAL HDPE? YES  NO   
 DIAMETER \_\_\_\_\_ *1"*  
 LENGTH \_\_\_\_\_ *240'*

**GROUT**

MATERIAL \_\_\_\_\_ *Thermax / Bentons*  
 PERMEABILITY \_\_\_\_\_  
 WATER / GROUT RATIO \_\_\_\_\_ *24 / 50*  
 PERCENT SOLIDS \_\_\_\_\_  
 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 2638 Hobbs Rd Glenwood Md

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

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

WELL OWNER: Lynne Young

OWNER ADDRESS: 2638 Hobbs Rd Glenwood Md 21738

\_\_\_\_\_

\_\_\_\_\_