

C1 15709 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.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY 06 07 13

DATE WELL COMPLETED MM DD YY 06 04 13

Depth of Well 22 25 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" OK 8/28/15 SC HA - 95 - 2522

OWNER HOWARD COUNTY DPW WELL SITE ADDRESS 9622 ASHMEDE DRIVE TOWN ELLICOTT CITY MD. 21092 SUBDIVISION VALLEY MEDE 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 FROM TO check if water bearing BROWN, DRY TO WET, MICACEOUS SILT, WITH SOME COARSE SAND 0' 25'

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

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. 1 MWD 413 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CTM] BENTONITE CLAY [BC] NO. OF BAGS 2 NO. OF POUNDS 94 GALLONS OF WATER 14 DEPTH OF GROUT SEAL (to nearest foot) from 0' TOP 52 ft. to 10' BOTTOM 58 ft.

CASING RECORD casing types insert appropriate code below [ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch): 2 Total depth of main casing (nearest foot): 15

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

SCREEN RECORD screen type or open hole (insert appropriate code below) [ST] STEEL [BR] BRASS [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

DEPTH (nearest ft.) 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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST N/A HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES [] NO [X] 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 (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 [X] below LAND SURFACE (nearest foot) 49 51

LATITUDE 39.28057 LONGITUDE 76.84803 (DEFAULT COORD. WGS 84)

NOTES:

B 1 05523
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 95 - 2522
70 fill in this form completely 79

545027 please type

Date Received (APA)
05 08 13
8 MM DD YY 13

OWNER INFORMATION

15 HOWARD COUNTY OPW Last Name Owner First Name 34
36 9622 ASHMEDE DRIVE Street or RFD 55
57 ELLICOTT CITY MD. 21042 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

8 HOWARD COUNTY 21
23 BOUNTY VISTA SUBDIVISION 42
SECTION 44 46 LOT 48 50 44+45
52 ELLICOTT CITY NEAREST TOWN 71

DRILLER INFORMATION

76 PAUL SUIT Driller's Name MWD 413 License No. 81
Firm Name GEOMATRIX DRILLING INC. HALETHORSE
3345 HOLLINS FERRY RD. MD. 21227 Address
Signature Paul Suit Date 5-4-13

B 4

SOURCES OF DRILLING WATER

1. MUNICIPAL
2.
3.

9622 ASHMEDE DRIVE
11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)



34 100 37 DISTANCE FROM ROAD
ENTER FT OR MI FT 38 39

TAX MAP: 0024 BLK: _____ PARCEL 0702

B 2
1 2

WELL INFORMATION

APPROX. PUMPING RATE N/A
(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED N/A
(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

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 05 16 13 5/16/14
43 MM DD YY 48 GO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 25 FEET
24 28

APPROXIMATE DIAMETER OF WELL 2 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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- 39 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 - 95 - 2522
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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



