

C1 6175

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 600 26 (TO NEAREST FOOT)

3/9/2011 O.K. (PB)

HD - 95 - 1862

28 29 30 31 32 33 34 35 36 37

OWNER HILL MICHAEL last name first name STREET OR RFD 12938 BEEFIELD ROAD TOWN Highland SUBDIVISION Hemlock Hill SECTION LOT 24

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

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), and check if water bearing. Rows include Top Soil, Brown shale, Sand, sand stone, Gray mica, Brown mica, and Gray mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 45 426 NO. OF POUNDS 15 1500

GALLONS OF WATER 676

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)

CASING RECORD

cases types insert appropriate code below [ST] [CO] [PL] [OT] STEEL CONCRETE PLASTIC OTHER

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

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

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

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO [Y] [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 MW D 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 JS D 038

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

C 2 DEPTH (nearest ft.)

Table with 3 columns: E A C H S R E E N, 1 2 3, and 4 5 6. Rows include 8 9 11, 23 24 26, 38 39 41, 45 47 51, and 56 60.

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

C 3

PUMPING TEST

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 (describe below) [J] jet [S] submersible

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

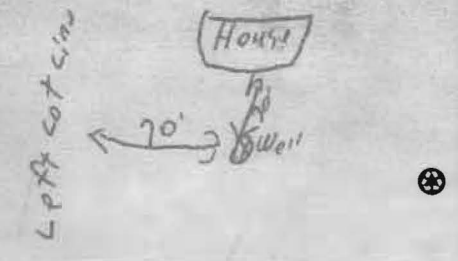
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

[+] above } LAND SURFACE [] below } (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 4961

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

532506 please type

STATE PERMIT NUMBER

HO-95-1862 fill in this form completely

Date Received (APA)

11278

OWNER INFORMATION

8 MM DD YY 13

HILL MICHAEL 15 Last Name Owner First Name 34 12938 BYEFIELD ROAD 36 Street or RFD 55 HIGHLAND, MD 20777 57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

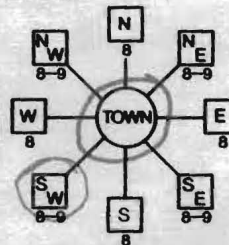
Howard CC# 8 COUNTY 21 Hemlock Hill 23 SUBDIVISION 42 SECTION 44 46 LOT 26 48 50 Highland 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78

DRILLER INFORMATION

George F. Easterday M D 040 76 Driller's Name License No. 81 L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., MT. Airy, Md. 21771 Address George F. Easterday 11/19/2010 Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



12938 Byefield Road 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST 34 100' 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39 TAX MAP: 40 BLK: 4 PARCEL 278

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. 8 12 AVERAGE DAILY QUANTITY NEEDED 500 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 G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A22612 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 2/2/2010 Brian Baker 2/2/2011 CO SIGNATURE EXP. DATE NORTH GRID 490 000 EAST GRID 810 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 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 DEEPEMED 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. HO-95-1862 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

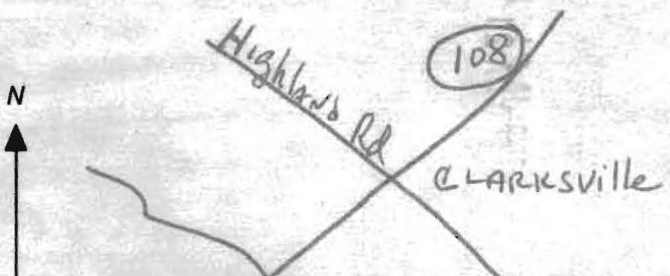
SOURCES OF DRILLING WATER

- 1. wells 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 810 N 48090

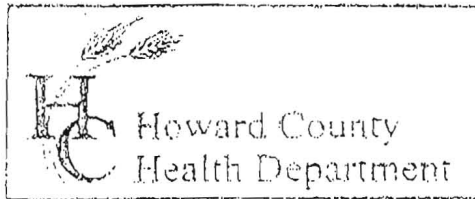
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 14 B 13



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Do not Bore holes from the bottom Upwards With Premium Pipe, COUNTY 30+ From Well and House



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by owner / driller
 (professional land surveyor or company employing professional land surveyors)
 on 10-26-09 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

MICHAEL HILL
 12938 Byefield Drive

3525 H ELICOTT MILLS DRIVE
 ELICOTT CITY, MD 21043
 (410) 313-2640

CONSUMER INFORMATION NOTES:

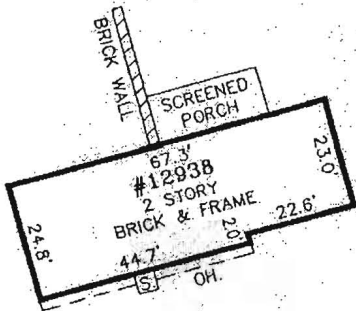
1. This plan is a benefit to a consumer insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing.
2. This plan is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
3. This plan does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.
4. Building line and/or Flood Zone information is taken from available sources and is subject to interpretation of originator.

I/WE CERTIFY THAT I/WE HAVE REVIEWED THIS HOUSE LOCATION PLAT AND THAT I/WE ACCEPT THE LOCATION OF THE IMPROVEMENTS SHOWN HEREIN

Michael R. Hill
James M. Hill

Notes

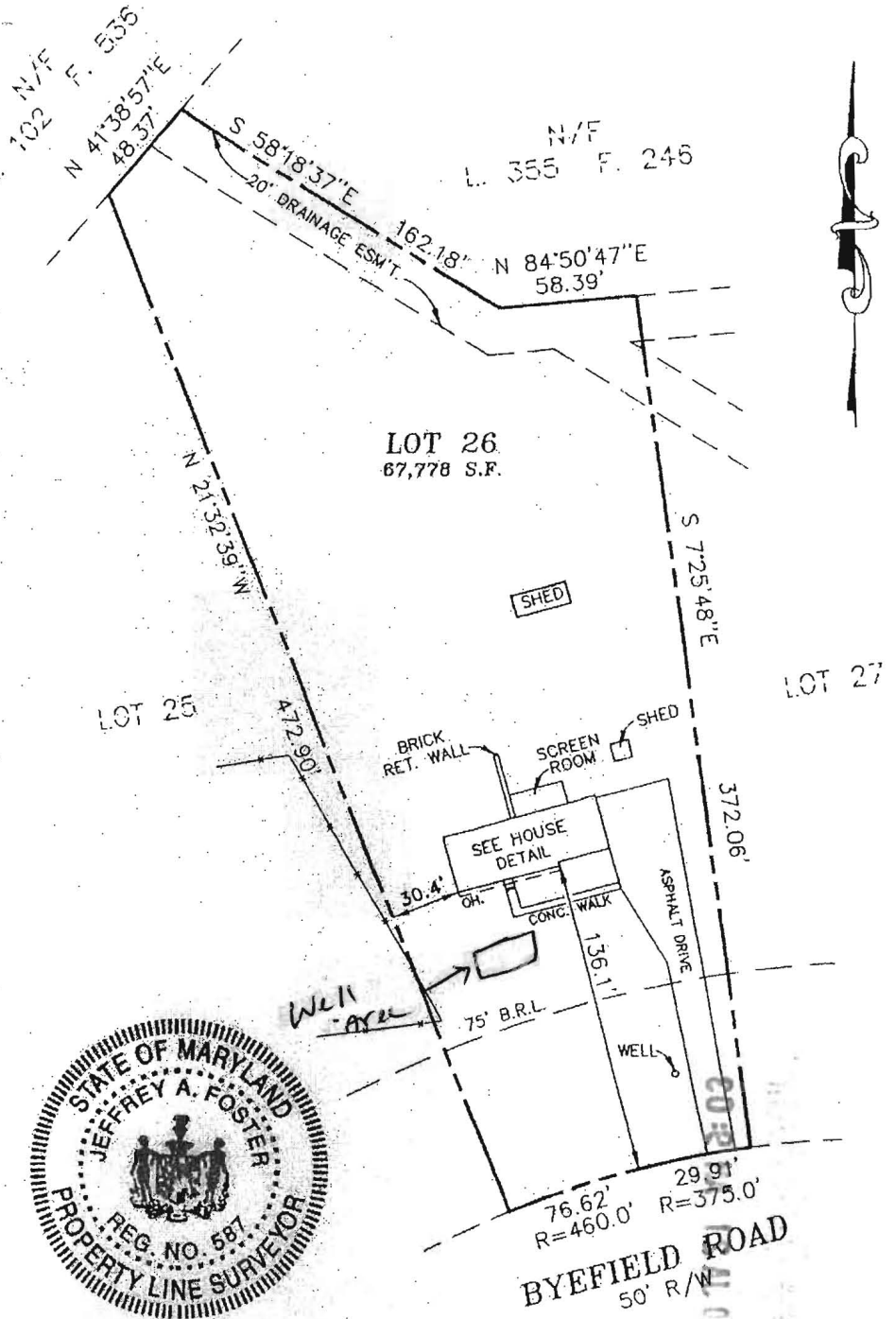
1. Flood zone "C" per H.U.D. panel No. 240044-0037B
2. Setback distances as shown to the principal structure from property lines are approximate. The level of accuracy for this drawing should be taken to be no greater than plus or minus 1 Foot.



HOUSE DETAIL
SCALE 1" = 40'



LOCATION DRAWING
LOT 26
RESUBDIVISION
HEMLOCK HILL
HOWARD COUNTY, MARYLAND



SURVEYOR'S CERTIFICATE

"THE INFORMATION SHOWN HEREON HAS BEEN BASED UPON THE RESULTS OF A FIELD INSPECTION PURSUANT TO THE DEED OR PLAT OF RECORD. EXISTING STRUCTURES SHOWN HAVE BEEN FIELD LOCATED BASED UPON MEASUREMENTS FROM PROPERTY MARKERS FOUND OR FROM EVIDENCE OF LINES OF APPARENT OCCUPATION."

REFERENCES

PLAT BK. 17
PLAT NO. 28



SNIDER & ASSOCIATES
SURVEYORS - ENGINEERS
LAND PLANNING CONSULTANTS
2 Professional Drive, Suite 216
Gaithersburg, Maryland 20879
301/948-5100, Fax 301/948-1286

Jeffrey A. Foster
MARYLAND PROPERTY LINE SURVEYOR REG. NO. 587

LIBER
FOLIO

DATE OF LOCATIONS

WALL CHECK:

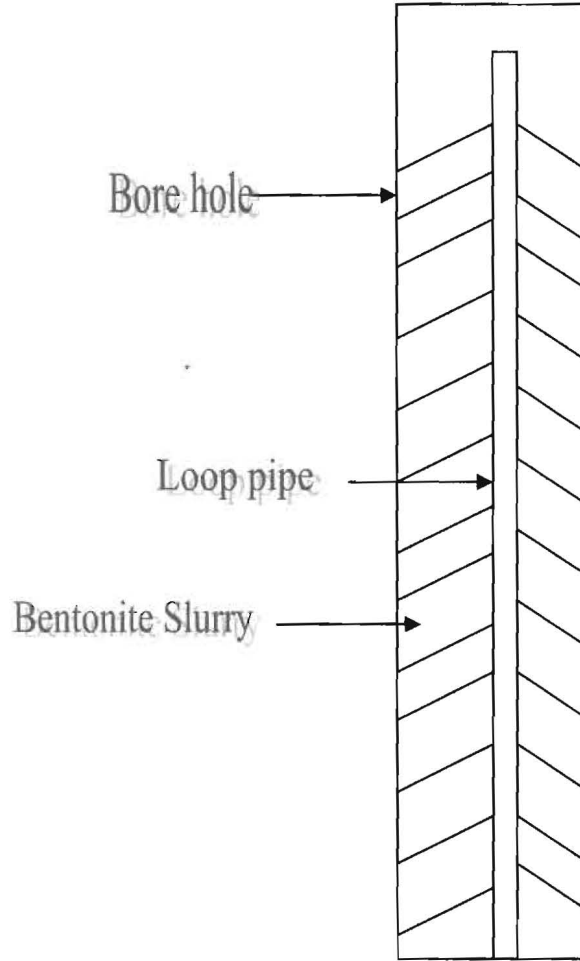
HSE. LOC.: 8-18-2003

SCALE: 1" = 80'

DRAWN BY: C.W.T.

JOB NO.: 03-5928

GEOHERMAL WELL DESIGN



Owner MICHAEL Hill

Location 12938 Byefield Drive

Number of wells 1

Depth 600 Loop Size 1 1/4"

Grout Material-----Bentonite Slurry from bottom to G.L.

300 7V 51 V# 8:03

100 HILL ST
HILL
100 HILL ST
HILL