

C1 3116

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 A-517336

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY 3 24 2008

Depth of Well 22 280 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1549

OWNER Warfield Jr Kennard STREET OR RFD Road B TOWN Dayton SUBDIVISION The Warfields II SECTION 2 LOT 37

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-40) and Gray Mica Rock (40-280).

GROUTING RECORD form including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT, BENTONITE CLAY (BC), NO. OF BAGS (12), NO. OF POUNDS (1128), GALLONS OF WATER (72), DEPTH OF GROUT SEAL (0-46).

CASING RECORD form including: MAIN CASING TYPE (ST), Nominal diameter top (main casing) (6), Total depth of main casing (48).

OTHER CASING (if used) form with columns for diameter and depth.

SCREEN RECORD form including: screen type or open hole (insert appropriate code below), SCREEN RECORD (ST, BR, HO, PL, OT).

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A, E, P. 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...

DRILLERS LIC. NO.: MSD 024. DRILLERS SIGNATURE: [Signature]. LIC. NO.: MSD 027.

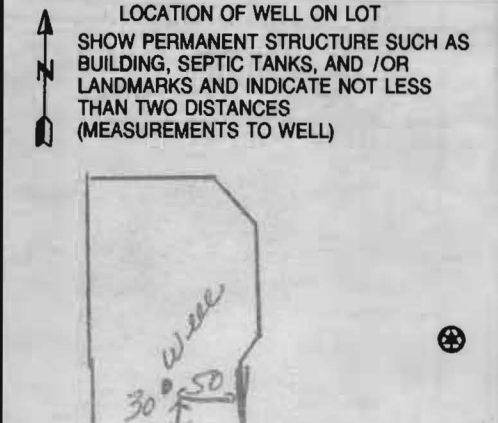
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) 46 280. SLOT SIZE 1 2 3. DIAMETER OF SCREEN (NEAREST INCH) 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. TELESCOPE CASING LOG INDICATOR OTHER DATA.

PUMPING TEST form including: HOURS PUMPED (3), PUMPING RATE (20), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (distance from land surface) BEFORE PUMPING (32), WHEN PUMPING (39), TYPE OF PUMP USED (for test) (A, P, T, C, R, O, J, S).

PUMP INSTALLED form including: DRILLER INSTALLED PUMP (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 2 (nearest foot).



Revised Well Site Plan

2/25/08



2/25/08
 House made smaller
 to accommodate setbacks
 from well box and
 septic Easement (KW)
 Well Box OK

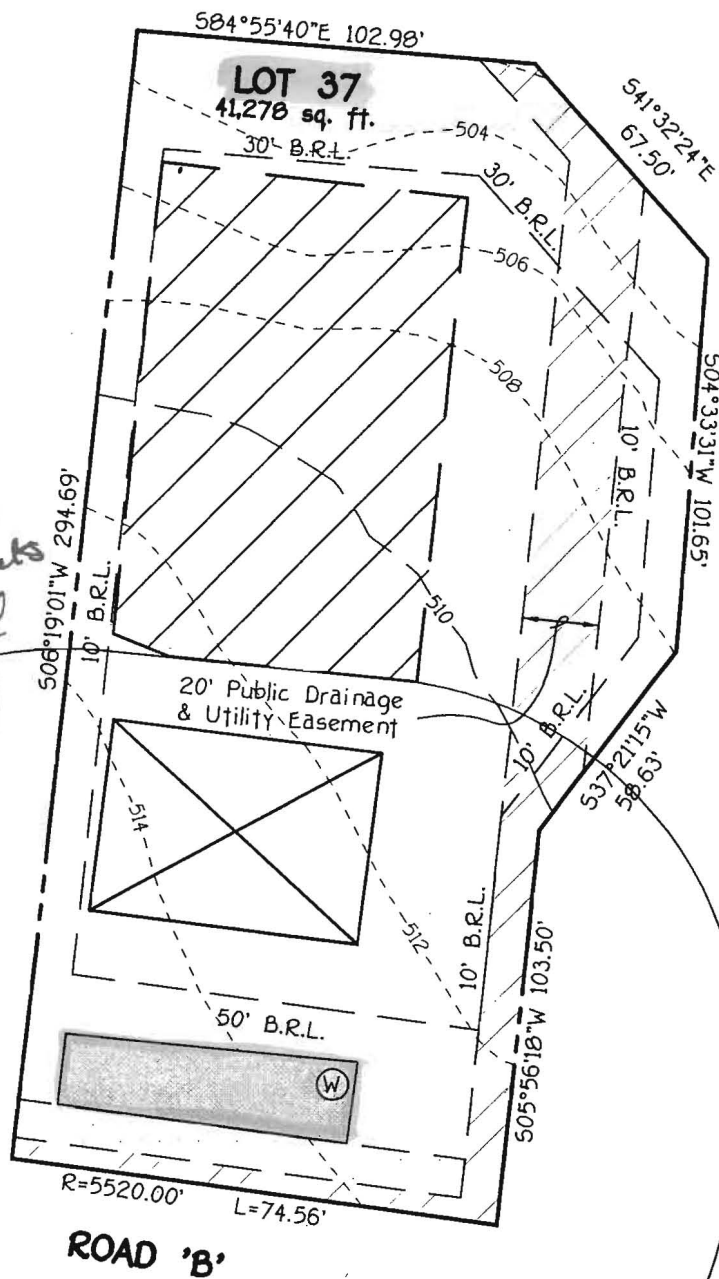
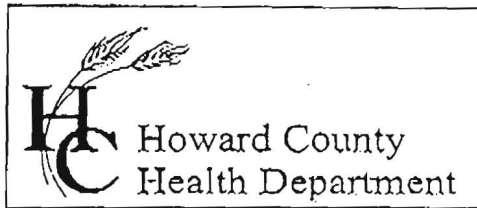


EXHIBIT TO ACCOMPANY
 WELL PERMIT
 LOT 37
 THE WARFIELDS II
 SECTION TWO
 Lots 6 Thru 68,
 Cemetery Open Space Lot 69, And
 Buildable Preservation Parcel 'A' And
 Non-Buildable Preservation Parcels 'B', Thru 'I'
 Tax Map: 21, Grid 23, Parcel: 55
 Tax Map: 27, Grid 5, Parcels: 56, 109 And 144
 Fourth Election District
 Howard County, Maryland
 Date: December 6, 2007
 F-07-040

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461 - 2895



7178 Columbia Gateway Drive, Columbia, MD 21046
 (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:

Well Site Location:

The Woodfield II 14 Lots Michele Dr & Road B
 Subdivision/Property Name Lot# Road Name

The well site has been staked by Fish Collins & Carter
 (professional land surveyor or company employing professional land surveyors)
 on 12-2007 (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 3/11/05

Lot 31, 32, 33, 35, 36, 37, 38, 39, 40,
41, 42, 43, 44, 48,

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Robert L. Feezer Co. Telephone #: 410-781-4655
Address: 6321 Barnett Avenue
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Joshua Henricks License# PI0173

***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: NV Homes Telephone #: 410-379-5956
Subdivision: Warfield Estates II Lot #: 8037 Well Tag #: HO - 95 - 1549 ✓
Site Address: 14711 Lear Court
Glenn, MD 21737

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Berkeley</u>	Make: <u>Boshart</u>	Two piece watertight cap: <u>Yes</u>
Model #: <u>B7P4MS07221</u>	Model#: <u>P-100-SS</u>	Screened, vented well cap: <u>Yes</u>
Pump Capacity <u>7</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: <u>Yes</u>
Well Yield: <u>20</u> GPM	NSF/WSC approved: <u>Yes</u>	Conduit min 18" B.G.: <u>Yes</u>
Depth of well encountered at time of pump installation: <u>280</u> (feet)	Conduit secured to well cap: <u>Yes</u>	

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing N/A

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Poly</u>	PVC sleeve to undisturbed soil at wall penetration: <u>Yes</u>
PSI: <u>200</u> (160 psi min)	Length of sleeve(5' minimum from foundation): <u>10'</u>
Depth of supply line: <u>42"</u> (36" min)	Sleeve sealed properly: <u>Yes</u>

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Joshua Henricks June 25, 2015
Signature of company representative responsible for installation date

For Health Department Use Only – Not to be completed by Installer

Date Insp. Requested: 7/24/15 Date Insp. Approved: 7/24/15 Inspector: SC
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓ 20' sleeve
Safety rope not outside of well cap/casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

NV Homes
c/o Robert Feezer Co.
6321 Barnett Avenue
Sykesville, MD 21784

Reporting Date: 8/28/15
Report #: M3215

Submitted Sample Address: 14711 Lear Ct, Glenelg, MD
Submitted Sample Source: Holding tank Treatment: N/A
Date / Time Collected: 8/26/2015 12:30 PM
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Field Record: Chlorine residual: Absent Clear when drawn pH: 6.6
Well Tag #: HO-95-1549

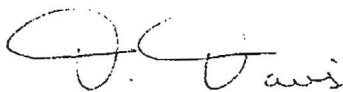
Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
Nitrate as N	5.7	mg/L	0.5	10	EPA Primary MCL
Sand	Absent	mg/L or Absent	mg/L or Absent	< 5 mg/L*	MD Well Reg.
Turbidity	1.6	NTU	0.5	< 10 NTU*	MD Well Reg.


Notes:

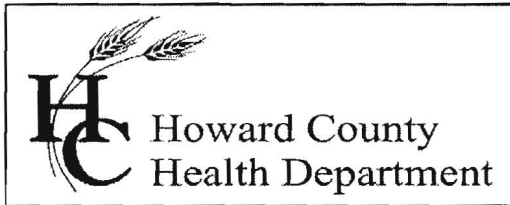
- Bacteriological analysis of this sample indicates this water is safe for human consumption.
- Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
- Samples received and examined within EPA's recommended holding times.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- * Sand and turbidity standard for new wells - See Code of Maryland Regulations (COMAR) 26.04.04.16E(5). If sand is present, it is analyzed to determine amount of sand in mg/L.
- MCL Type -
EPA Primary: The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
EPA Secondary: Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
Action Level: Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



D. Davis, Customer Service Representative

Reviewed by: 



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – MARCH 16, 2016

September 16, 2015

Homeowner
14711 Lear Court
Glenelg, MD 21737

RE: Warfields II, Lot 37
14711 Lear Court
Building Permit: B15001575
Well Permit: HO-95-1549

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **9/15/2015**. Final approval of the well line connection to the dwelling was granted on **7/24/2015**. The well construction was completed on **3/24/2008**. Water samples were collected on **8/26/2015**.

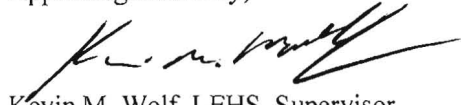
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-95-1549. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,

A handwritten signature in black ink, appearing to read "Kevin M. Wolf". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Kevin M. Wolf, LEHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File