

C 1 3105 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A517336

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

ST/CO USE ONLY DATE Received DATE WELL COMPLETED Depth of Well PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Warfield Jr Kennard STREET OR RFD Michele Dr TOWN Dayton SUBDIVISION The Warfields II SECTION 2 LOT 29

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter Total depth

OTHER CASING (if used) diameter depth

SCREEN RECORD screen type or open hole insert appropriate code below DEPTH (nearest ft.)

PUMPING TEST HOURS PUMPED PUMPING RATE METHOD USED TO MEASURE PUMPING RATE WATER LEVEL BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED

PUMP INSTALLED DRILLER INSTALLED PUMP IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE IN BOX 29. CAPACITY: GALLONS PER MINUTE PUMP HORSE POWER PUMP COLUMN LENGTH CASING HEIGHT LAND SURFACE

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

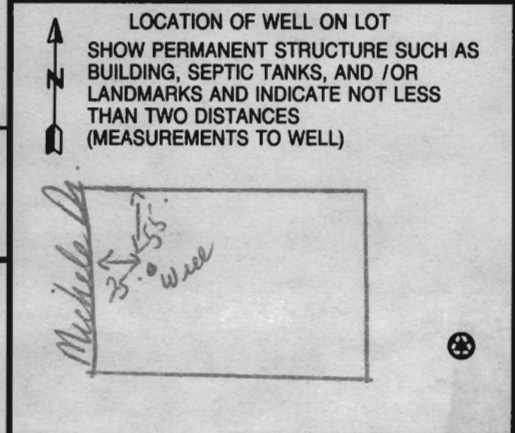
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MSD024 DRILLERS SIGNATURE L. C. NO. MSD027

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

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



B 1 1083

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 527950 please type

STATE PERMIT NUMBER

HO - 95 - 1525 fill in this form completely

Date Received (APA)

OWNER INFORMATION

Warfield Jr Kennard P.O. Box 30 Glenelg Md 21737

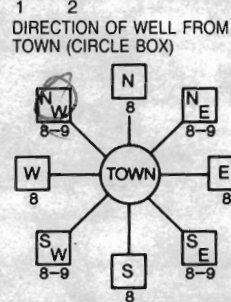
LOCATION OF WELL

Howard The Warfield II Dayton 4 miles from town

DRILLER INFORMATION

Joseph L. Mayne M SD 024 Joseph L. Mayne Well Drilling 5512 Ridge Rd Mt. Airy Md 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Michele Drive ON WHICH SIDE OF ROAD NORTH 25 SOUTH DISTANCE FROM ROAD 27 BLK: 23 PARCEL 114

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

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 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A 517336 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 2/9/08 CO SIGNATURE EXP. DATE 2/8/09

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

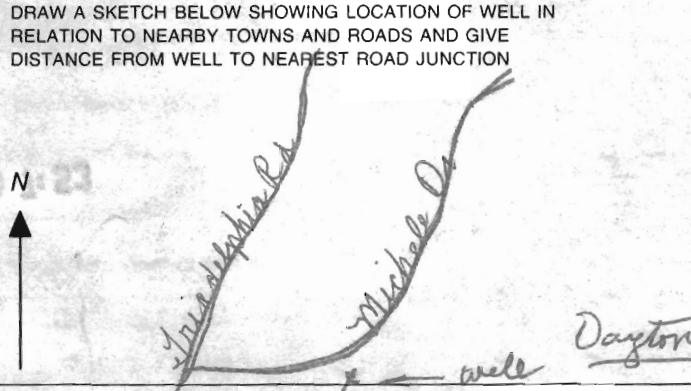
METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTary AIR-PERCussion CABLE REVERSE-ROTary JETTED Jetted & DRIVEN ROTARY (Hydraulic Rotary) DRIVE-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

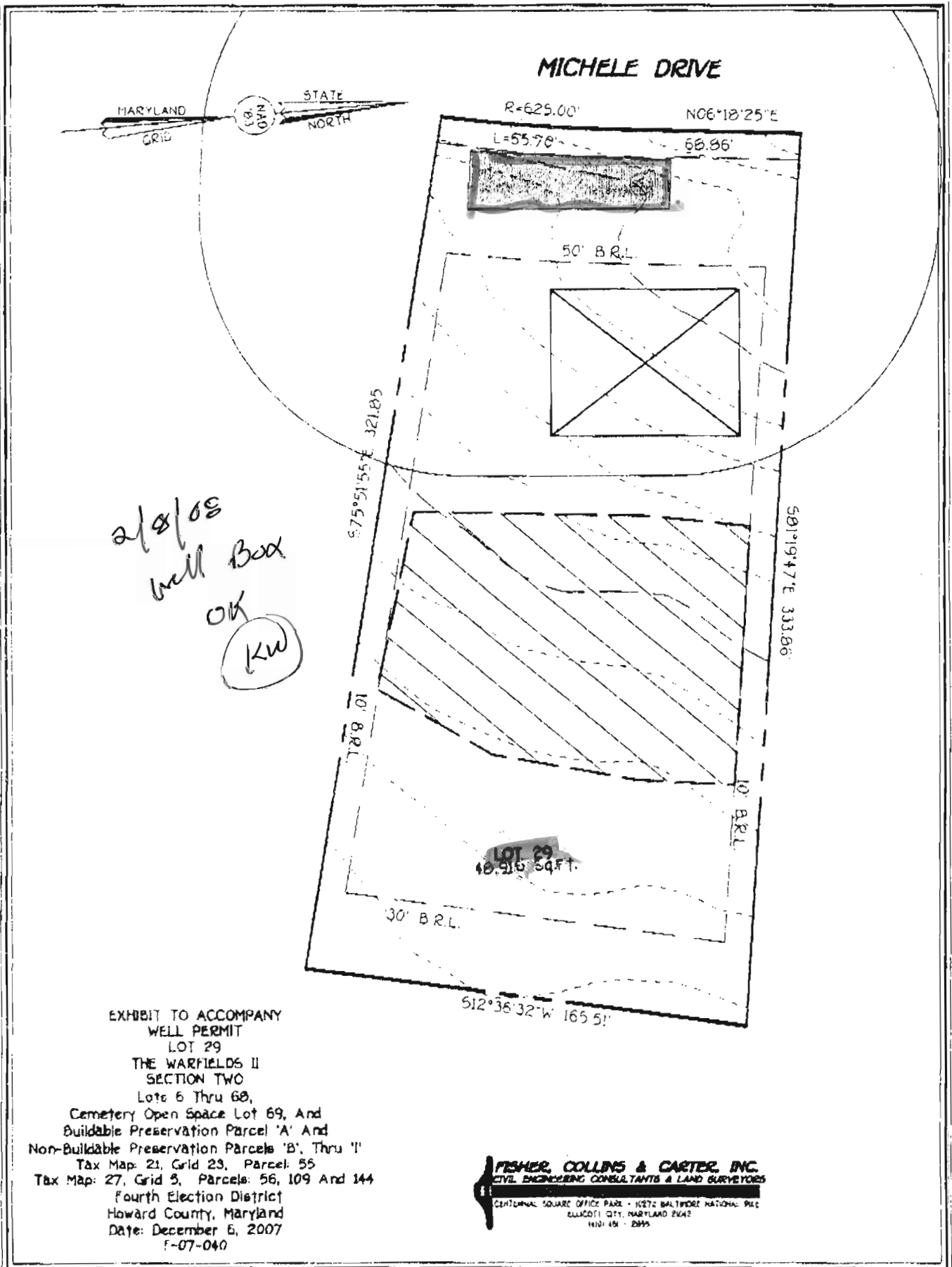
- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL

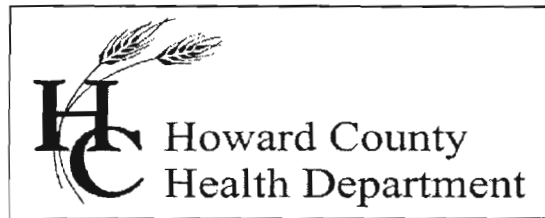
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well WRITE THE BOX NUMBER FROM THE MAP HERE E 07905 N 5105



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER HO 2006G 009 PERMIT No. HO - 95 - 1525

SPECIAL CONDITIONS SEE ATTACHED MEMO





Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-6300 | Fax: 410-313-6303

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 – FEBRUARY 7, 2014

August 7, 2013

Homeowner
14838 Michele Drive
Glenelg, MD 21737

**RE: The Warfields II, Lot 29
14838 Michele Drive
Building Permit: B13000554
Well Permit: HO-95-1525**

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 **7/10/2013**. Final approval of the well line connection to the dwelling was granted on **6/19/2013**. The well construction was completed on **4/10/2008**. Water samples were collected on **7/29/2013 and 8/6/2013**.


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-95-1525. 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 that reads "Robert Bricker". The signature is written in a cursive style with a large initial "R".

Robert Bricker, REHS/R.S.
Environmental Sanitarian
Well & Septic Program

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



TRACE LABORATORIES, INC
 5 North Park Drive
 Hunt Valley, MD 21030 USA
 Telephone: 410/584-9099 / Fax: 410/584-9117
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory #318

CERTIFICATE OF ANALYSIS

Requester:

Rick Cross
 Robert L. Feezer Company
 6321 Barnett Avenue
 Sykesville, Maryland 21784

S/O Number: 90044

Report Date: August 7, 2013

Retest #1

Property Sampled: 14838 Michele Drive, 21737
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L ✓

Building Permit #: B13000554
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard
Map: 27

Subdivision: The Warfields II S2 RSB
Parcel: 114

Lot #: 29

Date/Time Collected in Field: August 6, 2013 @ 12:24 pm

Date/Time Received in Lab: August 6, 2013 @ 1:56 pm

Well Tag #: HO-95-1526
Well Condition: 2-Piece Cap, Satisfactory

Water Treatment/Conditioning: Bypassed

| PARAMETER | METHOD | MCL | RESULT | PASS/FAIL |
|----------------|----------|--------|----------|-----------|
| Total Coliform | SM 9223B | Absent | Absent ✓ | Pass |
| <i>E. coli</i> | SM 9223B | Absent | Absent ✓ | Pass |

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact us. This test report shall not be reproduced except in full without the written approval of Trace Laboratories Inc.

OK RB 8/12/13

Katherine C. Higgs
 Katherine C. Higgs
 Manager – Drinking Water Testing



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 5 North Park Drive
 Hunt Valley, MD 21030 USA
 Telephone: 410/584-9099 / Fax: 410/584-9117
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory #318

CERTIFICATE OF ANALYSIS

Requester:

Rick Cross
 Robert L. Feezer Company
 6321 Barnett Avenue
 Sykesville, Maryland 21784

S/O Number: 89961

Report Date: July 30, 2013

Property Sampled: 14838 Michele Drive, 21737
Sample Location: Pressure Tank Tap
Residual Chlorine: <0.1 mg/L

Building Permit #: B13000554
Sampler ID #: 7483AM
Samples Iced: Yes

County: Howard
Map: 27

Subdivision: The Warfields II S2 RSB
Parcel: 114 **Lot #:** 29

Date/Time Collected in Field: July 29, 2013 @ 10:56 am
Date/Time Received in Lab: July 29, 2013 @ 12:30 pm

Well Tag #: HO-95-1526
Well Condition: 2-Piece Cap, Satisfactory

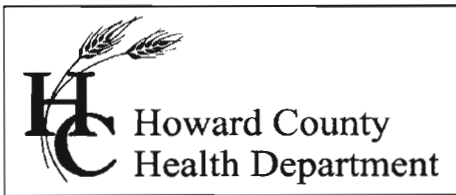
Water Treatment/Conditioning: Softener, Neutralizer

| PARAMETER | METHOD | MCL/*SMCL | RESULT | PASS/FAIL |
|----------------|-----------|----------------|---------------------|-----------|
| Total Coliform | SM 9223B | Absent | PRESENT <i>Fail</i> | FAIL |
| <i>E. coli</i> | SM 9223B | Absent | Absent ✓ | Pass |
| Nitrate | SM 4500D | 10 mg/L as N | 9.7 mg/L as N ✓ | Pass |
| Turbidity | EPA 180.1 | 10 NTU | <1.0 NTU ✓ | Pass |
| pH | EPA 150.1 | *6.5-8.5 Units | 6.3 Units ✓ | *** |
| Sand | | Absent | Absent ✓ | Pass |

The results in this report relate only to those items tested. If any additional information or clarification of this report is required, please contact us. This test report shall not be reproduced except in full without the written approval of Trace Laboratories Inc.

Coliform bacteria Fail
others 'OK'
reb 8/7/13
 Katherine C. Higgs
 Katherine C. Higgs
 Manager – Drinking Water Testing

MCL: Maximum Contamination Level, an enforceable level established by the EPA
 *SMCL: Secondary Maximum Contamination Level, a level recommended by the EPA
 ***A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.



Bureau of Environmental Health
7178 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

Peter L. Beilenson, M.D., M.P.H., Health Officer

Friday, February 08, 2008

IMPORTANT

MEMORANDUM

To: WELL DRILLER,
FILE

From: Kevin Wolf, Sanitarian
Well and Septic Program

Re: The Warfield's II (F-07-040)
Lot 29

In order to preserve the quality of ground drinking water, a special condition has been set for lot 29 for the above referenced property. This condition requires the driller to seal off the upper strata by placing a certain amount of casing to the approximate depth below the very first water-bearing fracture OR a minimum of 75 feet (which ever comes first). For example, if you hit a water-bearing fracture at 53 feet, then there should be at least 55 feet of casing or enough casing to get below that fracture. **Any deviations to this condition are to be prior approved by the Health Department.**