

C1 28691 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD YY 04 02 15

DATE WELL COMPLETED MM DD YY 3-19-15

Depth of Well 22 300 26 (TO NEAREST FOOT)

OK 4/19/15 SC

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-15-0016

OWNER KEETON, SCOT & SANDRA WELL SITE ADDRESS 16381 OLD FREDERICK RD TOWN MT AIRY SUBDIVISION KEETON SECTION LOT 2

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown clay, Brown shale, Brown slate, Gray slate, Brown slate, Gray slate, Brown slate, opening, Gray slate.

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 14 NO. OF POUNDS 700 GALLONS OF WATER 322 DEPTH OF GROUT SEAL 0 to 65 ft.

CASING RECORD (S) (T) (C) (O) (P) (L) (O) (T) MAIN CASING TYPE ST Nominal diameter 6 Total depth 80

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

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T)

DEPTH (nearest ft.) 1 2 110 78 300

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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. 1 MWD 046 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)

Table with columns: E A C H S R E E N, rows 1-11, values for depth at various intervals.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH)

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 LOG INDICATOR OTHER DATA

C 3 1 2 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 8 ft. WHEN PUMPING 133 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED 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 () below LAND SURFACE 2 (nearest foot)

LATITUDE 39.349643 LONGITUDE 77.085895 (DEFAULT COORD. WGS 84)

NOTES:

B 1 30712

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-15-0016 fill in this form completely

555735 please type

Date Received (APA)

020515

OWNER INFORMATION

KEETON SCOT AND SANDRA 5601 FAYE DRIVE GREENSBORO NC 27410

B 3

LOCATION OF WELL

Howard 8 COUNTY 21 Keeton Property 23 SUBDIVISION 42 SECTION 44 46 LOT 48 50 Mt. Airy 52 NEAREST TOWN 71

DRILLER INFORMATION

George F. Easterday M WD 040 Driller's Name 76 License No. 81 L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd., Mt. Airy, Md. 21771 Address George F. Easterday Signature 2/2/2015 Date

B 4

SOURCES OF DRILLING WATER wells

- 1. 2. 3.

16381? Old Frederick Road 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH FL. 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 7 BLK: 4 PARCEL 465

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (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 13 A535238 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 2/19/2015 Brown Barber 2/19/2016 43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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)

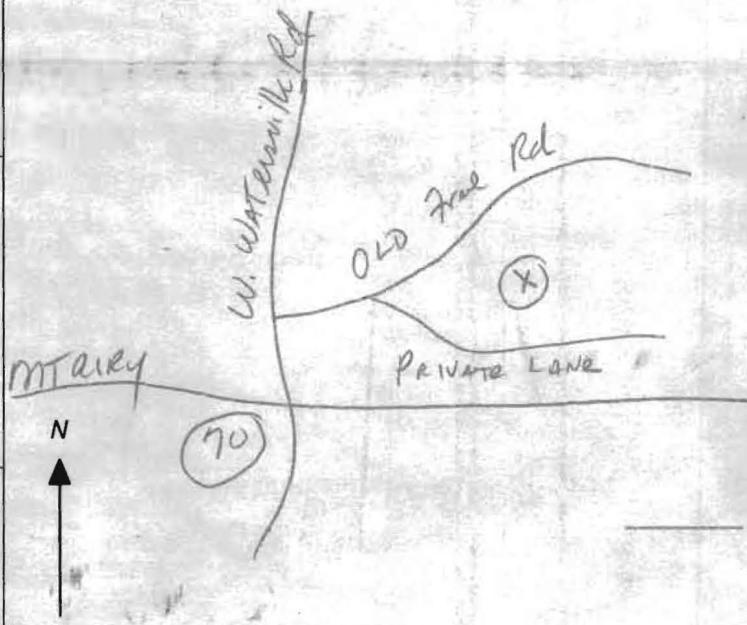
- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEAN AN EXISTING WELL

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-15-0016

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

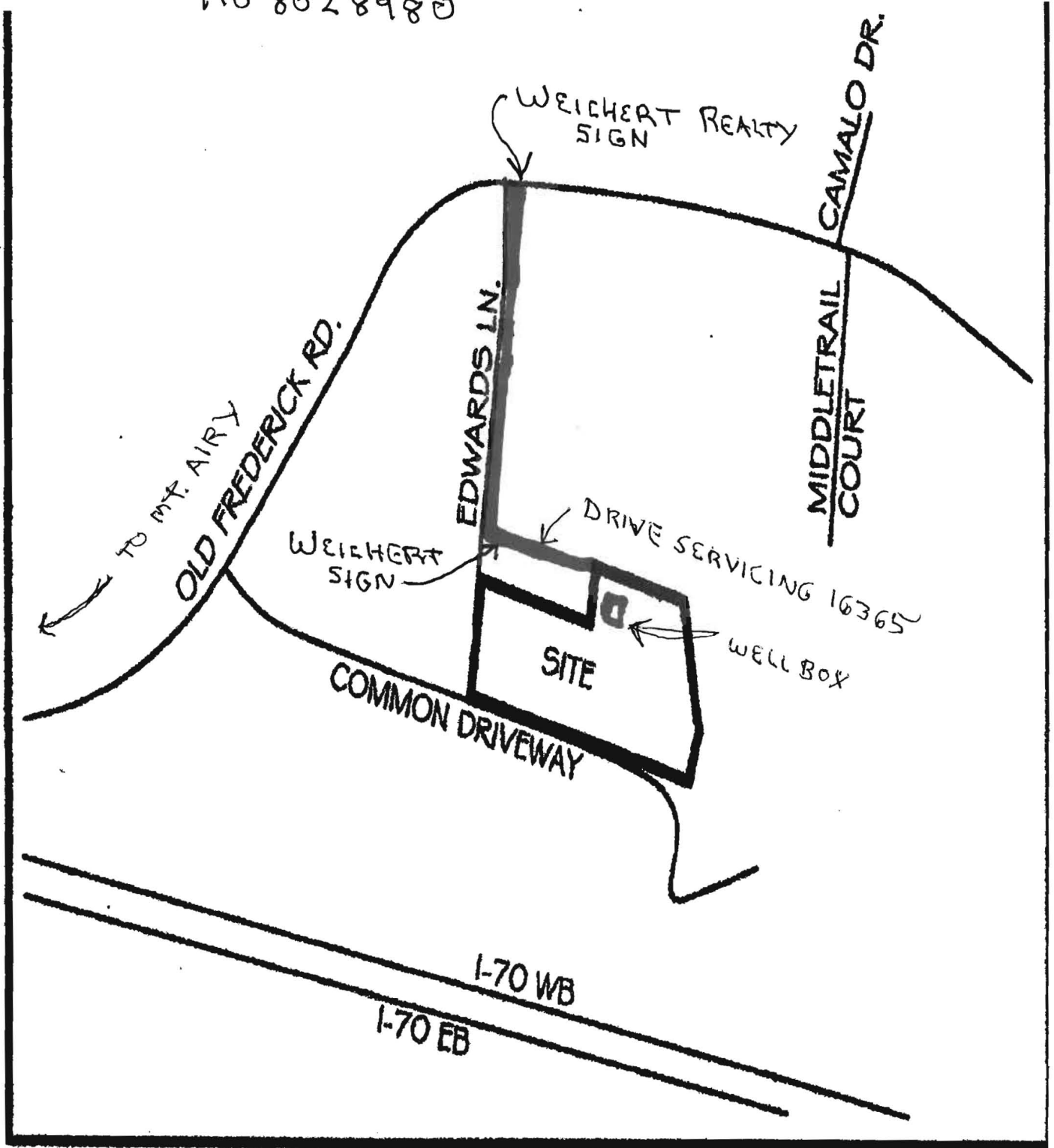


SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Steel Well Casing Must Extend at Least 50' Below Grade and at Least 10' into Bedrock.

SCOT KEETON
410 802 8980



VICINITY MAP

NOT TO SCALE



Bureau of Environmental Health
 7178 Columbia Gateway Drive, Columbia, MD 21046-2147
 (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

January 6th, 2012

Scott Keeton
 16377 Old Frederick Rd.
 Mt. Airy, MD 21771


RE: Variance request
 16377 Old Frederick Rd

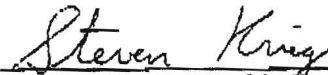
Dear Mr. Keeton,

The Health Department has received your variance request dated December 19, 2011 for the above referenced property. Maryland Department of the Environment has accepted our recommendation to approve the following variance requests under the *Code of Maryland Regulations 26.04.02.05 (C)* to allow: the well site to serve the proposed house on Lot 2 to be located down gradient from the onsite sewage disposal system at 16373 Old Frederick Road. Due to the landscape position of the sewage areas and wells, the request was approved subject to the following conditions:

- The well on lot 2 must be constructed using a steel well casing, which must be installed to a minimum depth of 50' below ground surface. *and at least 10' into bedrock.*

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

 Heidi Scott, R.S.
 Bureau of Environmental Health
 Well & Septic Program


 Maryland Department of the Environment
 Steven Krieg, R.S.

Cc:
 File
 Axiom Engineering



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 AXIOM ENG,
(professional land surveyor or company employing professional land surveyors)
on 1-15-15 (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

LOT 2
OLD Frederick Rd - (16381 ?)
SCOT KEETON

Letter of Transmittal

To: Jeff Williams **From:** Walt Zawislak

Recipient's Firm Name: Howard County Hlth Dept. **Recipient's Phone Number:** 410-313-6287

Address: Well & Septic Coordination Section
7879 Columbia Gateway Drive
Columbia, MD 21046 **CC:** [Click here to enter text.](#)

Project Name: 16381 Old Frederick road **Date:** 12/2/2014

Re: Submittal for Well Box Revision **Delivery Method:** Hand

We are sending you			
<input type="checkbox"/> Attached	<input type="checkbox"/> Under Separate Cover		
<input type="checkbox"/> Shop Drawings	<input type="checkbox"/> Prints	<input type="checkbox"/> Plans	<input type="checkbox"/> Other:
<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Change Order	<input type="checkbox"/> Samples	
<input type="checkbox"/> Total Quantity	<input type="checkbox"/> Reproducible	<input type="checkbox"/> Specification	

Submittal	Quantity	Date	DWG. #	Description
	3		1	Percolation Certification Plan
	3		1	Axiom Explanation Letter

These are transmitted as checked below		
x For Approval	<input type="checkbox"/> Approved as Submitted	<input type="checkbox"/> For Review and Comment
<input type="checkbox"/> For Your Use	<input type="checkbox"/> Approved as Noted	<input type="checkbox"/> Other:
<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned for Corrections	

Comments:

Signature



EX. LOT 1
2.00 Ac±
87,228 sf ±

EX. LOT 2
4.75 Ac±
206,757 sf ±

NEW HOUSE
2,475 SF
FOOTPRINT

1500 SF
NEW WELL
BOX

REPLACEMENT
SAND MOUND
SYSTEM

EXISTING
WETLAND /
SURFACE
WATER

16373 OLD
FREDERICK RD

16365 OLD
FREDERICK RD

16377 OLD
FREDERICK
RD

EXISTING
HOUSE TO
REMAIN

736

16545 OLD
FREDERICK RD

16543 OLD
FREDERICK RD

16535 OLD

