

C1 7265

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 100 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1225

OWNER: Keely Company, STREET OR RFD: Woodstock Rd, TOWN: Woodstock, SUBDIVISION: Myrtle Property, SECTION, LOT: 29

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Entries: Brown Shale (0-50), Gray Limestone (50-100).

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) YES (Y) NO (N). TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS 14 NO. OF POUNDS 1316. GALLONS OF WATER 84. DEPTH OF GROUT SEAL (to nearest foot) from 0 to 45 ft.

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 56. OTHER CASING (if used) diameter inch depth (feet) from to.

SCREEN RECORD

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

Table with columns: DEPTH (nearest ft.), 1-21, 23-26, 30-32, 38-41, 45-47, 51. Includes SLOT SIZE 1, 2, 3 and DIAMETER OF SCREEN (NEAREST INCH) 56, 60.

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 8.5. METHOD USED TO MEASURE PUMPING RATE 1 gal. WATER LEVEL (distance from land surface) BEFORE PUMPING 32 ft. WHEN PUMPING 59 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) 31-38. 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 01 (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)

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 MSD 009. DRILLERS SIGNATURE. LIC. NO. 1 D.

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.

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

TELESCOPE CASING LOG INDICATOR OTHER DATA.

NO survey stakes

B 1 4362

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 526657 please type

STATE PERMIT NUMBER

40-95-1225 fill in this form completely

Date Received (APA) 4/17/07

OWNER INFORMATION

Ecclity Company P O Box 528 Timonium MD. 21094

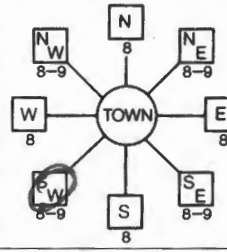
LOCATION OF WELL

Howard Myrtus Property Woodstock

DRILLER INFORMATION

Allen Compton M.S.D. 009 Fogles Well Drilling 580 Obrecht rd

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



WOODstock rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 3000 ENTER FT OR MI TAX MAP: 10 BLK: 24 PARCEL 225

WELL INFORMATION

APPROX. PUMPING RATE 5 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

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 518 006-M COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 8/14/07 CO SIGNATURE EXP. DATE 8/14/08 NORTH GRID 540 000 EAST GRID 0837 000

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

METHOD OF DRILLING (circle one)

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

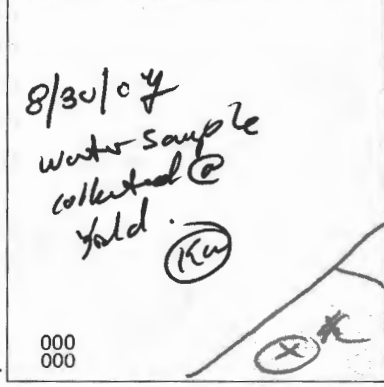
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE E 8347 N 5400



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

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER H02006G_018 PERMIT No. 40-95-1225

SPECIAL CONDITIONS NEED RADIUM SAMPLE PER HEALTH DEPT.

Yield Test Data Sheet

County File # _____
District 2

MD Well Permit #. 140-95-1225

Date of Test: 9-5-07

Subdivision Name: Myrtle Property

Section _____ Lot # 29

Street Address: Woodstock Rd

Measuring Point (MP) Description: Top of casing
(for ex. "Top of casing")

Distance from MP to ground surface 2' ft.

Well Depth 100 ft.

Well Driller: Fogle's Well Drilling

Must be submitted with the State of Maryland Well Completion Report

Submit to: _____

Pump Start Time <u>8:00</u>	Static Water level: <u>32</u> ft.	Pumping Rate <input type="checkbox"/> Time to fill _____ gal. bucket <input type="checkbox"/> Flow meter reading (if used)	Calculated Flow (gallons per minute) <u>20</u>
TIME	WATER LEVEL BELOW M.P.		

Water level and pumping rate must be recorded every 15 minutes

#	TIME	WATER LEVEL ft.	PUMPING RATE	CALCULATED FLOW (GPM)
1	8:00	32	3	20
2	8:15	59	7	8.5
3	8:30	59	7	8.5
4	8:45	59	7	8.5
5	9:00	59	7	8.5
6	9:15	59	7	8.5
7	9:30	59	7	8.5
8	9:45	59	7	8.5
9	10:00	59	7	8.5
10	10:15	59	7	8.5
11	10:30	59	7	8.5
12	10:45	59	7	8.5
13	11:00	59	7	8.5
14	11:15	59	7	8.5
15		ft.		GPM
16		ft.		GPM
17		ft.		GPM
18		ft.		GPM
19		ft.		GPM
20		ft.		GPM
21		ft.		GPM
22		ft.		GPM
23		ft.		GPM
24		ft.		GPM
25		ft.		GPM
26		ft.		GPM
27		ft.		GPM
28		ft.		GPM
29		ft.		GPM
30		ft.		GPM

NOTES:

**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., Inc. 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): Russell George License# PI0148

***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: Keystone Homes Telephone #: 717-464-9060
Subdivision: _____ Lot #: 29 Well Tag #: HO - 95 - 1225
Site Address: 1930 Davis Branch Road
Woodstock, md 21163

*02/26/2021
NEED WELL TAG*

Submersible Pump Data

Make: Goulds
Model #: 7 g 1/2 2 wire
Pump Capacity 7 GPM
Well Yield: 8.5 GPM

Pitless Adapter

Make: Boshart
Model#: P-100-SS
Depth: 42" (36" min)
NSF/WSC approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: Yes
Screened, vented well cap: Yes
Cap secured to casing: Yes
Conduit min 18" B.G.: Yes
Conduit secured to well cap: Yes

Depth of well encountered at time of pump installation: 250 (feet)
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

Piping to house

Type: Poly
PSI: 200 (160 psi min)
Depth of supply line: 42" (36" min)

House Connection

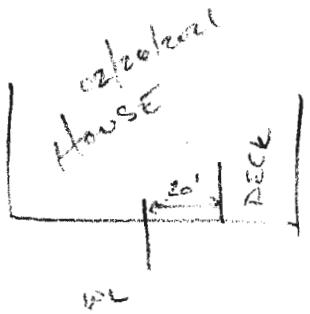
PVC sleeve to undisturbed soil at wall penetration: Yes
Length of sleeve (5' minimum from foundation): 10'
Sleeve sealed properly: Yes

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.

Robert L. Feezer Signature of Robert L. Feezer February 26, 2021
Signature of company representative responsible for installation date
Russell George

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

Date Insp. Requested: 02/26/2021 Date Insp. Approved: 2/26/21 Inspector: JC
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓ 40" 02/26/2021 JP
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓ 20" 02/26/2021 JP
Safety rope not outside of well cap/casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓ 28" 02/26/2021 JP
Water supply line sleeved adequately at house connection ✓
Adequate grout observed below pitless adapter ✓



*02/26/2021
SLEEVED PAST DRIVE
IN CASE OF DRIVE EXT.*

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – SEPTEMBER 25, 2021

March 25, 2021

Homeowner
1930 Davis Branch Road
Woodstock, MD 21163

**RE: Marriotts Ridge, Lot 29
1930 Davis Branch Road
Building Permit: B20002350
Well Permit: HO-95-1225**

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 **3/11/2021**. Final approval of the well line connection to the dwelling was granted on **2/26/2021**. The well construction was completed on **9/5/2007**. Water samples were collected on **3/16/2021**.

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.

Gross Alpha and Beta samples were also collected on **8/30/2007**. Results showed a Gross Alpha level of **3.0 ± 1.0 pCi/L** and **Gross Beta** level of **3.0 ± 2.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-95-1225. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

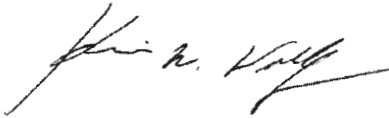
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will 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.**

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

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality 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>

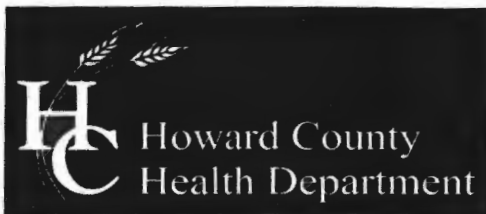
In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,



Kevin M Wolf, L.E.H.S., REHS/R.S., Supervisor
Groundwater Management Section
Well & Septic Program

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



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

October 9, 2007

James Keelty and Company, Inc.
61 East Padonia Road
Timonium, MD 21093

RE: Myrtue Property, Lot# 29
Well Tag: HO-95-1225

To Whom It May Concern:

A sample was collected from a yield test August 30, 2007 and submitted to Department of Health and Mental Hygiene Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 3.0 ± 1.0 picocuries/liter (pCi/L); while the **Gross Beta** level was 3.0 ± 2.0 pCi/L. The **Gross Alpha** result was below its **maximum contaminant level (MCL)** of 15 pCi/L, while the **Gross Beta** level was below its target value of 50 pCi/L (roughly equivalent to the **annual dose rate** of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply appears safe for all uses. No additional testing for these parameters will be required to secure the future Use & Occupancy. However, other standard (potability) testing will still be necessary.

A copy of the test results is enclosed for your information. Please call this office at 410-313-1773 if you have any further questions.

Sincerely,

A handwritten signature in black ink that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater
Well & Septic File



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

ATTENTION WELL DRILLERS!!!

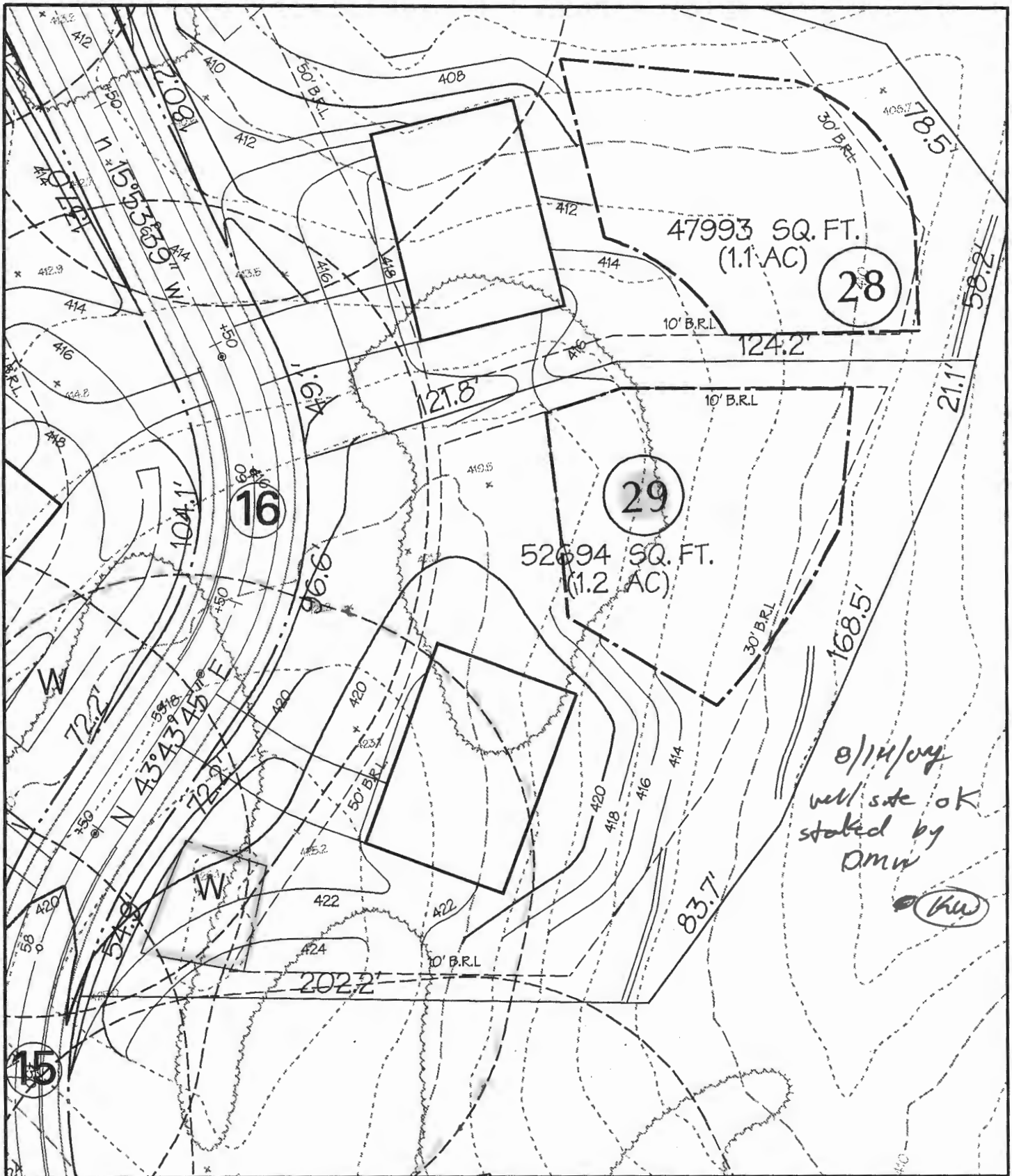
When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by DaFT - McCune Walker on _____ and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN *Engineer stated well box 1/5
Staked on corners*

Murtne Prof. Lots 1-31



9/14/07
well site OK
staked by
DMW

(Handwritten signature)

MYRTUE PROPERTY

LOT 29

DMW

Daft-McCune-Walker, Inc.

200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-3333
Fax 296-4705

A Team of Land Planners,
Landscape Architects,
Engineers, Surveyors &
Environmental Professionals

Job No. 02033 Scale: 1"=50' Date: 04/16/07 Drawn By: MDT

n:\02033\Lot Wells\Lot29.DGN

Send Report To:

State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

RADIATION LABORATORY

201 W. Preston Street, Baltimore, Maryland 21201

John M. DeBoy, Dr. P.H., Director

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: HO-95-1225 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____

Plant/Site Name: Myrtle Prop - Lot 29 County: Howard

Sample Source: Davis Branch Rd. Location: HO-95-1225
(well no., lab sink, sample tap, etc.)

County: 1 2 Plant No.

CHECK (one per box)

Drinking Water
Landfill
Stream
Other

Community
Non-community
Private
Other

Source (raw water)
Distribution (treated)
MCL

Emergency
Routine
Recheck
Special

Collector: K. Wolf

Telephone No: 410-313-2645

Date Collected: 8/30/07

Time Collected: 11:30 a.m. _____ p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code: Federal Project: Field Data: _____

Remarks: Sample collected @ end of pH Chlorine Yield.

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0536	3±1	07/07/07
✓	Gross Beta	4100	0536	3±2	"
	Radon-222 Bottle A	4004			
	Radon-222 Bottle B	4004			
	Field Blank A	4004			
	Field Blank B	4004			
	Tritium				
	Ra - 226	4020			
	Ra - 228	4030			
	Total Uranium	4006			

Date Received: 08/31/07

Supervisor: S. Wiser

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 143365 Account #: 1920
Reference: Marriotts Ridge Lot 029 Company: Robert L Feezer Co- New Homes
Location: 1930 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 3/16/2021 1250 Site: Pressure Tank
Date/Time Rec'd: 3/16/2021 1454 Treatment: **
Chlorine ppm: Free: ND Total: ND pH: 6.3
Collected By: J. Yeager 0819JY Well #: N/A

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	3/17/2021 / 1130 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	3/17/2021 / 1130 / CRS
Nitrate	<1.0	mg/L	10	601	3/16/2021 / 1710 / CRS
Sand	ND	mg/L	5	Visual/Gravimetric	3/16/2021 / 1640 / CRS
Turbidity	1.89	NTU	<10	SM20 2130B	3/16/2021 / 1720 / CRS

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NTU = Nephelometric Turbidity Units
- 4 pH & chlorine tested on site
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND = None Detected; N/A: Not Available
- 7 **Sample collected prior to Softener & Neutralizer
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B20002350

Date Reported: 3/18/2021