

C1 63482

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)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Spencer Darrin; WELL SITE ADDRESS: 881 Marriottsville Rd; TOWN: Marriottsville; SUBDIVISION: Dylans Hill; SECTION: ; LOT: 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Granite, Fracture, Quartz, and Granite.

Drilled well deeper 158' to 300'; NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED: YES; CIRCLE APPROPRIATE LETTER: A, E, P; DRILLERS LIC. NO. 1: M 5 D 224; DRILLERS SIGNATURE; LIC. NO. 1: D

GROUTING RECORD: WELL HAS BEEN GROUTED (Y); TYPE OF GROUTING MATERIAL: CEMENT (CM); NO. OF BAGS: 45; NO. OF POUNDS: 46; GALLONS OF WATER; DEPTH OF GROUT SEAL

CASING RECORD: MAIN CASING TYPE: STEEL (ST); Nominal diameter top (main) casing: 60 inch; Total depth of main casing: 66 feet

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to

SCREEN RECORD: screen type or open hole: OPEN HOLE (HO); insert appropriate code below

DEPTH (nearest ft.): 300; SLOTTED SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH): 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL; MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER); TELESCOPE CASING; LOG INDICATOR; OTHER DATA

PUMPING TEST: HOURS PUMPED: 8.9; PUMPING RATE: 5.1 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: Time/bucket; WATER LEVEL: BEFORE PUMPING 74 ft., WHEN PUMPING 300 ft.; TYPE OF PUMP USED: jet (J)

PUMP INSTALLED: DRILLER INSTALLED PUMP: YES; TYPE OF PUMP INSTALLED: jet (J); CAPACITY: GALLONS PER MINUTE (to nearest gallon): 31-35; PUMP HORSE POWER: 37-41; PUMP COLUMN LENGTH (nearest ft.): 43-47; CASING HEIGHT: + above, - below; LAND SURFACE (nearest foot): 50-51

LATITUDE 39.345107; LONGITUDE 76.900265 (DEFAULT COORD. WGS 84); Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04.

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

**MEMORANDUM**

October 25<sup>th</sup>, 2021

Home Owner  
881 Marriottsville Road  
Marriottsville, MD 21104

RE: **Well Sampling**  
881 Marriottsville Road  
Marriottsville, MD 21104  
Well Permit # HO-73-3640

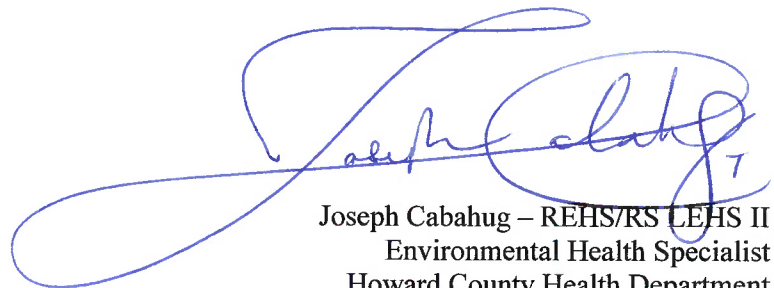
10/25/2021 P

Home Owner:

According to our records, your well has been deepened and remains connected to the dwelling and was not tested for radium. The address listed is in the radium area of the Baltimore gneiss geological formation. Water containing radium (Gross Alpha and Gross Beta) poses a health risk especially when used for drinking or cooking and deposits in tissues of the body and into bone. Exposure to alpha radiation for extended periods of time may depress the immune system, cause cataracts, anemia and fractured teeth, and increase incidence of bone, liver and breast cancer. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule water sampling for the above referenced well. Please let us know if you have any water treatment in the house such as a softener.

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

**If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.** If you have any further questions, you can call me at 410-313-6287. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.



Joseph Cabahug – REHS/RS LEHS II  
Environmental Health Specialist  
Howard County Health Department  
Well and Septic Program

Cc: Community Hygiene Program  
File

FOGLE'S WELL DRILLING, LLC  
P.O. BOX 202  
WOODBINE, MARYLAND 21797  
443-609-4195

Well Permit No. N/A Well Depth: 560' [When drilled well is recorded as being 600' deep]  
Location of Property: Old Columbia Rd Fulton, Md Subdivision: Evergreen Farm Lot#: 2  
Well Driller/Tech: Fogles Andrew Houseman MSD224 Owner/Buyer: Susan Hartman

Distance of measuring point (M.P.) above ground: 2'

Static water level (S.W.L.) below M.P.: 46'

High rate pumping~~reservoir drawdown

Time pump started: 7:50 Pumping rate: 10

Total time 145 Mins to reach pumping water level 457 ft. below M.P.

**Recovery pump test data – observations to be recorded every 15 minutes**

TIME (in 15 minute intervals)	WATER LEVEL Below M.P.	PUMPING RATE Time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:50	46'	6 Seconds		10 gpm
8:00	85'	7 Seconds		8.5 gpm
8:15	146'	7 Seconds		8.5 gpm
8:30	194'	8 Seconds		7.5 gpm
8:45	253'	9 Seconds		6.6 gpm
9:00	288'	9 Seconds		6.6 gpm
9:15	330'	10 Seconds		6 gpm
9:30	370'	11 Seconds		5.5 gpm
9:45	410'	13 Seconds		4.6 gpm
10:00	437'	14 Seconds		4.2 gpm
10:15	457'	48 Seconds		1.25 gpm
10:30	457'	48 Seconds		1.25 gpm
10:45	457'	48 Seconds		1.25 gpm
11:00	457'	48 Seconds		1.25 gpm
11:15	457'	48 Seconds		1.25 gpm
11:30	457'	48 Seconds		1.25 gpm
11:45	457'	48 Seconds		1.25 gpm
12:00	457'	48 Seconds		1.25 gpm
12:15	457'	48 Seconds		1.25 gpm
12:30	456'	48 Seconds		1.25 gpm
12:45	456'	48 Seconds		1.25 gpm
1:00	456'	48 Seconds		1.25 gpm
1:15	456'	48 Seconds		1.25 gpm
1:30	456'	48 Seconds		1.25 gpm
1:45	456'	48 Seconds		1.25 gpm
2:00	456'	48 Seconds		1.25 gpm
2:15	455'	48 Seconds		1.25 gpm
2:30	455'	48 Seconds		1.25 gpm
2:45	455'	48 Seconds		1.25 gpm
3:00	455'	48 Seconds		1.25 gpm
3:15	455'	48 Seconds		1.25 gpm

<b>TIME (in 15 minute intervals)</b>	<b>WATER LEVEL Below M.P.</b>	<b>PUMPING RATE Time to fill 1 gallon bucket</b>	<b>FLOW METER READING (if needed)</b>	<b>CALCULATED FLOW (gallons per minute)</b>
<b>3:30</b>	<b>455'</b>	<b>48 Seconds</b>		<b>1.25 gpm</b>
<b>3:45</b>	<b>455'</b>	<b>48 Seconds</b>		<b>1.25 gpm</b>
<b>4:00</b>	<b>455'</b>	<b>48 Seconds</b>		<b>1.25 gpm</b>
<b>4:15</b>	<b>454'</b>	<b>48 Seconds</b>		<b>1.25 gpm</b>