

C1 34823

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 12 28 15

DATE WELL COMPLETED 12 1 15

Depth of Well 22 600 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 12/28/15 sc HO-15-0054

OWNER Moberly last name Ralph first name TOWN Clarksville SUBDIVISION Gaithers Chance SECTION LOT 1

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. Rows include: Brown sandy, Gray mica schist, white, Green mica schist.

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 23 NO. OF POUNDS 2102 GALLONS OF WATER 130 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 57 ft.

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD

screen type or open hole [ST] [BR] [HO] [PL] [OT]

DEPTH (nearest ft.)

Table with columns: A, C, H, S, R, E, N. Rows for depth measurements: 8-11, 15-17, 23-26, 30-32, 38-41, 45-47, 51. Slot size 1, 2, 3. Diameter of screen 56-60.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

CIRCLE APPROPRIATE LETTER 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 M S D 009 Allen Conpton DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 03 PUMPING RATE (gal. per min.) 4.6 METHOD USED TO MEASURE PUMPING RATE 1966 WATER LEVEL (distance from land surface) BEFORE PUMPING 45 ft. WHEN PUMPING 237 ft. TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [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 } LAND SURFACE [-] below } 02 (nearest foot)

LATITUDE 39.233894 LONGITUDE 76.980300 (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. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 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: NATIONAL WATER SERVICE Telephone #: 301-854-1333
Address: P.O. Box 138
ASHTON, MD 20861

(Must circle one) Licensed Plumber Licensed Well Driller **Licensed Well Pump Installer**
License # and name of individual responsible for the field installation:
Name (Print): DAVID RYCKE License# PI 0145

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

Name of Property Owner: Mitchell & Best Telephone #: _____
Subdivision: GAITHERS CHANCE CHANCE Lot #: 1 Well Tag #: HO-15-0054
Site Address: 5010 GAITHERS CHANCE DR.
CLARKSVILLE

Submersible Pump Data

Make: Grundfos
Model #: _____
Pump Capacity _____ GPM
Well Yield: 4.6 GPM

Pitless Adapter

Make: Campbell
Model#: PA-800
Depth: 48 (36" min)
NSF approved: YES

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 100 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt N/A

Piping to house

Type: Poly
PSI: 160 (160 psi min)
Depth of supply line: 4' (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: YES
Approximate length of sleeve: 5'
Sleeve caulked and 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.

Signature of company representative responsible for installation _____ date 12-22-16

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

Date Insp. Requested: 12/22/2016 Date Insp. Approved: 01/06/2017

Inspection Data: Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>	40" 01/06/2017 (2)
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>	
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>	36" 01/06/2017 (2)
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>	
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>	20" 01/06/2017 (2)
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>	12/22/2016 - connection under the footer (2)
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>	



Entered into Well log (2) 01/06/2017

B 1 25480
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
555842 please type

STATE PERMIT NUMBER

HO-15-0054
70 fill in this form completely 79

Date Received (APA)
04/21/15
8 MM DD YY 13

OWNER INFORMATION

M G Gaithers Chance LLC
15 Last Name Owner First Name 34
1686 E Gude DR
36 Street or RFD 55
Rockville Md. 20850
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard
8 COUNTY 21
Gaithers Chance
23 SUBDIVISION 42
SECTION 44 46 LOT 48 50
Clarksville
52 NEAREST TOWN 71

DRILLER INFORMATION

Allen Compton M SD 009
76 Driller's Name License No. 81
Eagles Well Drilling, LLC
Firm Name
P.O. Box 202 Woodbine Md 20797
Address
Allen Compton 4-2775
Signature Date

B 4

SOURCES OF DRILLING WATER

1. Ten Oaks RD
11 STREET ADDRESS 30
2.
3. ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
50
34 37
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 0028 BLK: 0008 PARCEL 0045

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5
(GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED 500
(GAL. PER DAY) 14 20

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
- OPEN LOOP GEOTHERMAL
- CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard (13) A 537379
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 5/20/15
43 MM DD YY 48 CO SIGNATURE R. R. Kuff EXP. DATE 5/20/16

APPROXIMATE DEPTH OF WELL 300 FEET
24 28
APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST

METHOD OF DRILLING (circle one)

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

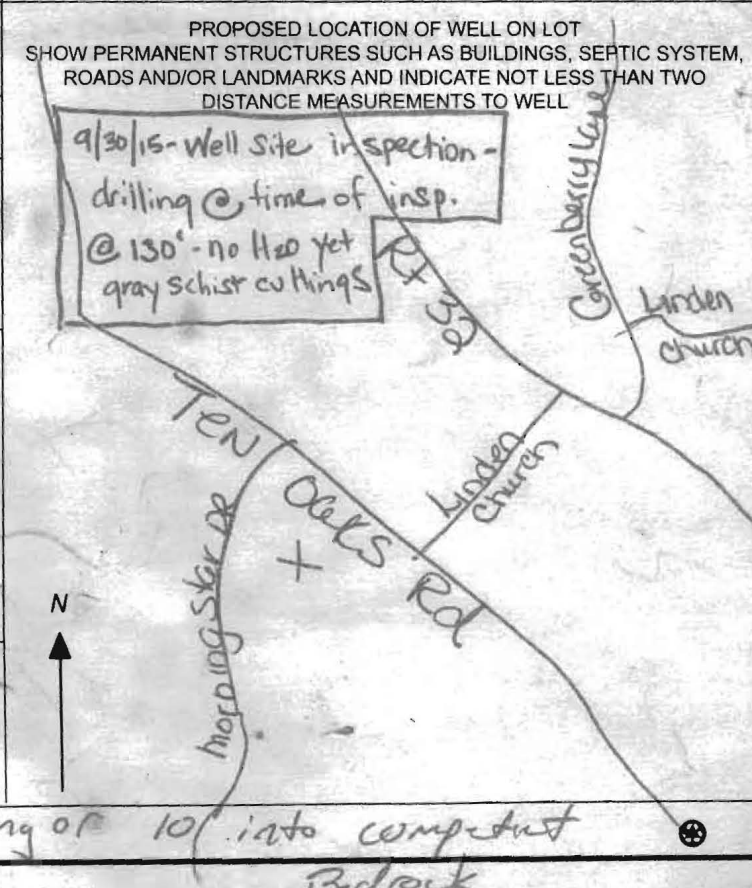
REPLACEMENT OR DEEPEMED WELLS
(CIRCLE APPROPRIATE BOX)

- 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 DEEPEMED AN EXISTING WELL

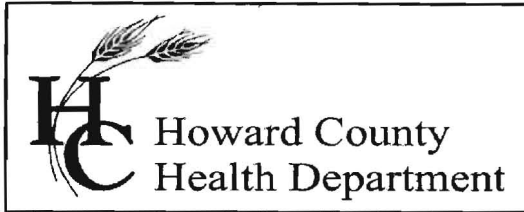
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED
(IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER H02014G004
PERMIT No. H0-15-0054
70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS *Must have 50' casing or 10' into compact Bedrock



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 – OCTOBER 27, 2017

April 27, 2017

Homeowner
5010 Gaithers Chance Drive
Clarksville, MD 21029

**RE: Gaithers Chance, Lot 1
5010 Gaithers Chance Drive
Building Permit: B16003390
Well Permit: HO-15-0054**

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 **4/24/2017**. Final approval of the well line connection to the dwelling was granted on **1/6/2017**. The well construction was completed on **12/1/2015**. Water samples were collected on **3/6/2017**.

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-15-0054. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

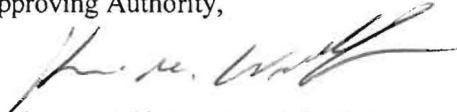
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will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

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Best Available Technology (BAT). You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your BAT.

Approving Authority,



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

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

① TDS, chloride | sodium

PARCEL #4
LEWIS & CLARK PLAZA
L-1001 / 200

PARCEL 100
L-1001 / 200

60198
543.15
CL WELL TOP HO-15-0056
500' @ 3.5 GPM

PARCEL C

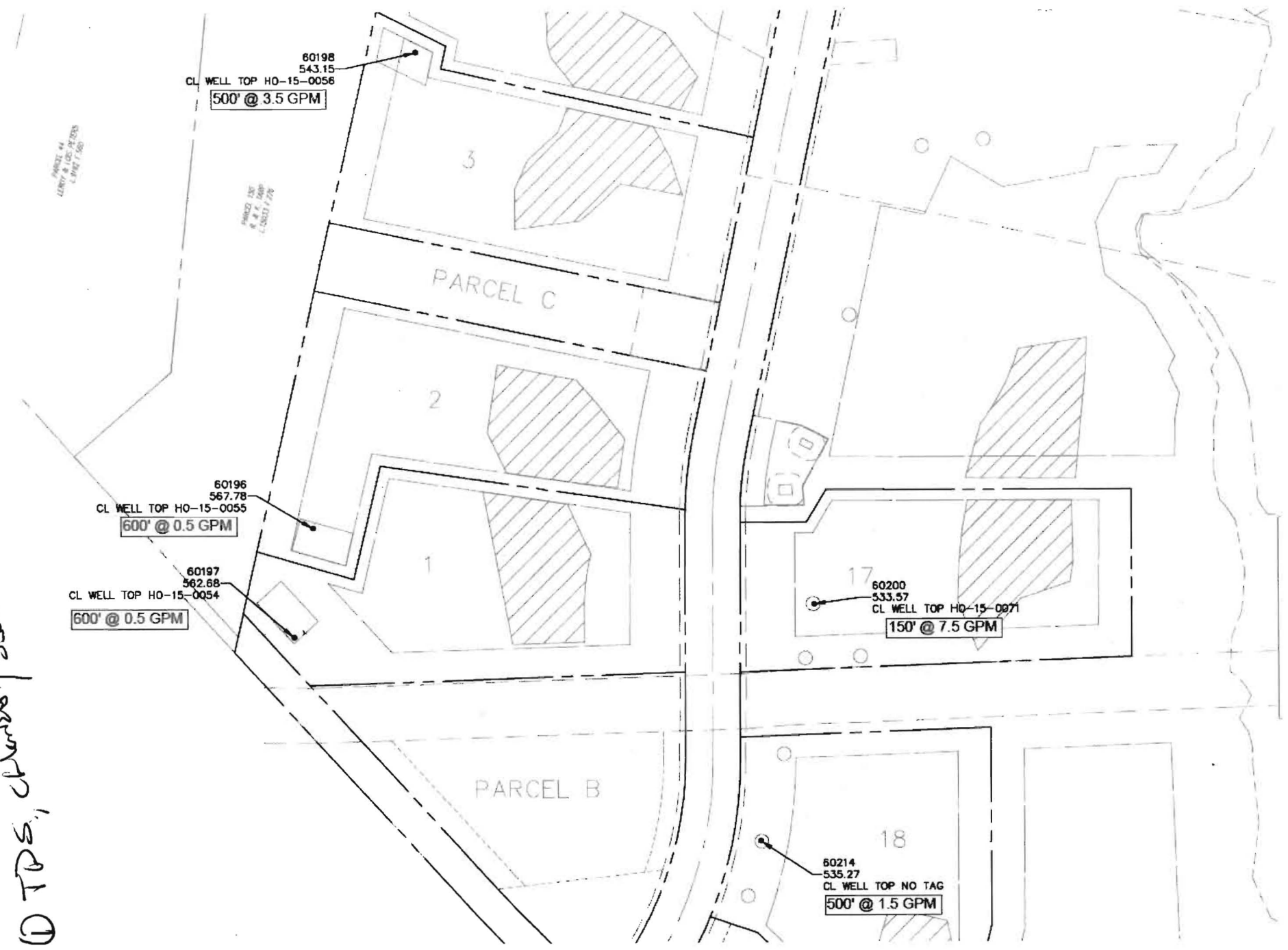
60196
567.78
CL WELL TOP HO-15-0055
600' @ 0.5 GPM

60197
562.68
CL WELL TOP HO-15-0054
600' @ 0.5 GPM

PARCEL B

60200
533.57
CL WELL TOP HO-15-0071
150' @ 7.5 GPM

60214
535.27
CL WELL TOP NO TAG
500' @ 1.5 GPM



Water Testing Laboratories

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

of Maryland, Inc.

Well Water Solutions
P. O. Box 67
Highland, MD 20777

Reporting Date: 3/8/2017
Report #: WWS1703-04

Submitted Sample Address: Lot 1, 5010 Gaither's Chance Drive, Clarksville, MD 21029
(1st test, no treatment) -
Submitted Sample Source: Kitchen sink -
Date / Time Collected: 3/6/2017 12:10 PM
Sampler/Company: Janet Walker 9006JW, Well Water Solutions
Sample Type: Drinking Water
Field Record: Chlorine residual: Absent Clear when drawn pH: 6.0
Well Tag #: HO-15-0054

OK
4/21/17
(Krom)

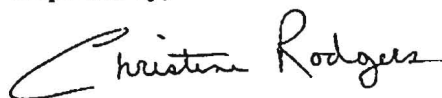
Analytical Results

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	9.5	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	1.2	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,



C. Rodgers, Assistant Lab Manager, Microbiology

Reviewed by: 

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #:	104528	Account #:	1930
Reference:	Gaithers Chance Lot 1	Company:	Fogle's Well Drilling
Location:	Ten Oaks Road Clarksville, MD 21029	Requested By:	Dave Fogle
Date/ Time Collected:	12/1/2015 1105	Source:	Well Water
Date/Time Rec'd:	12/1/2015 1330	Site:	Pumped from Well
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	J. Fogle 1974JF	pH:	7.2
		Well #:	HO-15-0054

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sodium	9.9	mg/L	---	200.7	12/8/2015 / 0654 / TSS

* Sample collected during field
After Hydro Frack
KMU

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 Sodium Detection Limit: 0.50 mg/L
- 3 Sub-contracted to Reference Lab #128
- 4 ND = None Detected
- 5 Sample collected by client, analyzed as received
- 6 pH and Chlorine level tested in lab

Reason for Test : HoCHD New Well

Date Reported: 12/8/2015

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 103888 Account #: 1930
Reference: Gaithers Chance Lot 1 Company: Fogle's Well Drilling
Location: Ten Oaks Road Requested By: Dave Fogle
Clarksville, MD 21029 Source: Well Water
Date/ Time Collected: 10/23/2015 1336 Site: Pumped from Well
Date/Time Rec'd: 10/23/2015 1450 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.4
Collected By: J. Fogle 1974JF Well #: HO-15-0054

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Chloride	12.5	mg/L	250*	SM18 4500-Cl-B.	10/23/2015 / 1730 / CRS
Solids, Total Dissolved	129	mg/L	500*	S2540C-2011	10/23/2015 / 1800 / CRS

* Collected during
Part - Field.
-Kaw

NOTES

- 1 Revised report: Reference changed from Choice to Chance & well number added per client 10/27/15 CCH
- 2 *SMCL = Secondary Maximum Contaminant Level
- 3 mg/L = milligrams per liter (also, parts per million)
- 4 ND = None Detected; N/A: Not Available
- 5 Sample collected by client, analyzed as received
- 6 pH and Chlorine level tested in lab

Reason for Test : HoCHD New Well

Date Reported: 10/27/2015

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 103889 Account #: 1930
Reference: Gaithers Chance Lot 1 Company: Fogle's Well Drilling
Location: Ten Oaks Road Requested By: Dave Fogle
Clarksville, MD 21029 Source: Well Water
Date/ Time Collected: 10/23/2015 1336 Site: Pumped from Well
Date/Time Rec'd: 10/23/2015 1450 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.4
Collected By: J. Fogle 1974JF Well #: N/A

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sodium	19.2	mg/L	----	200.7	11/2/2015 / 1219 / TSS

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 Sodium Detection Limit: 0.25 mg/L
- 3 Sub-contracted to Reference Lab #128
- 4 ND = None Detected; N/A: Not Available
- 5 Sample collected by client, analyzed as received
- 6 pH and Chlorine level tested in lab

Reason for Test : HoCHD New Well

Date Reported: 11/3/2015

 WATER WELL HYDROFRACTURE REPORT

WELL TAG NUMBER HO-15-0054 DATE WORK PERFORMED (mm/dd/yyyy) 11-17-15

WELL SITE ADDRESS Ten Oaks Rd / Gaithers Chance Dr.

TAX MAP 0028 BLK 0008 PARCEL 0045 LATITUDE 3 9 - 2338638 LONGITUDE 7 6 - 9803162

CASING DEPTH 60 FT CASING TYPE (circle) ST OR PVC DIAMETER 6
 WELL DEPTH 600 FT WATER LEVEL BEFORE FRAC 400 FT YIELD BEFORE FRAC 1/2 GPM
 PACKER SETTINGS (circle) SINGLE or MULTIPLE SET DEPTH OF SHALLOWEST PACKER 100 FT
 SOURCE OF WATER well

OBSERVATIONS

SET NUMBER	TOP ZONE (FT)	BOTTOM ZONE (FT)	MAX PRESSURE (PSI)	WATER VOLUME USED (GALLONS)
1	100		850	600
2	200		450	600
3				
4				
5				

WATER LEVEL AFTER FRAC 42 FT YIELD AFTER FRAC 10 GPM

NOTE: YIELD TEST PROCEDURES CAN BE FOUND UNDER COMAR 26.04.04.26.G.

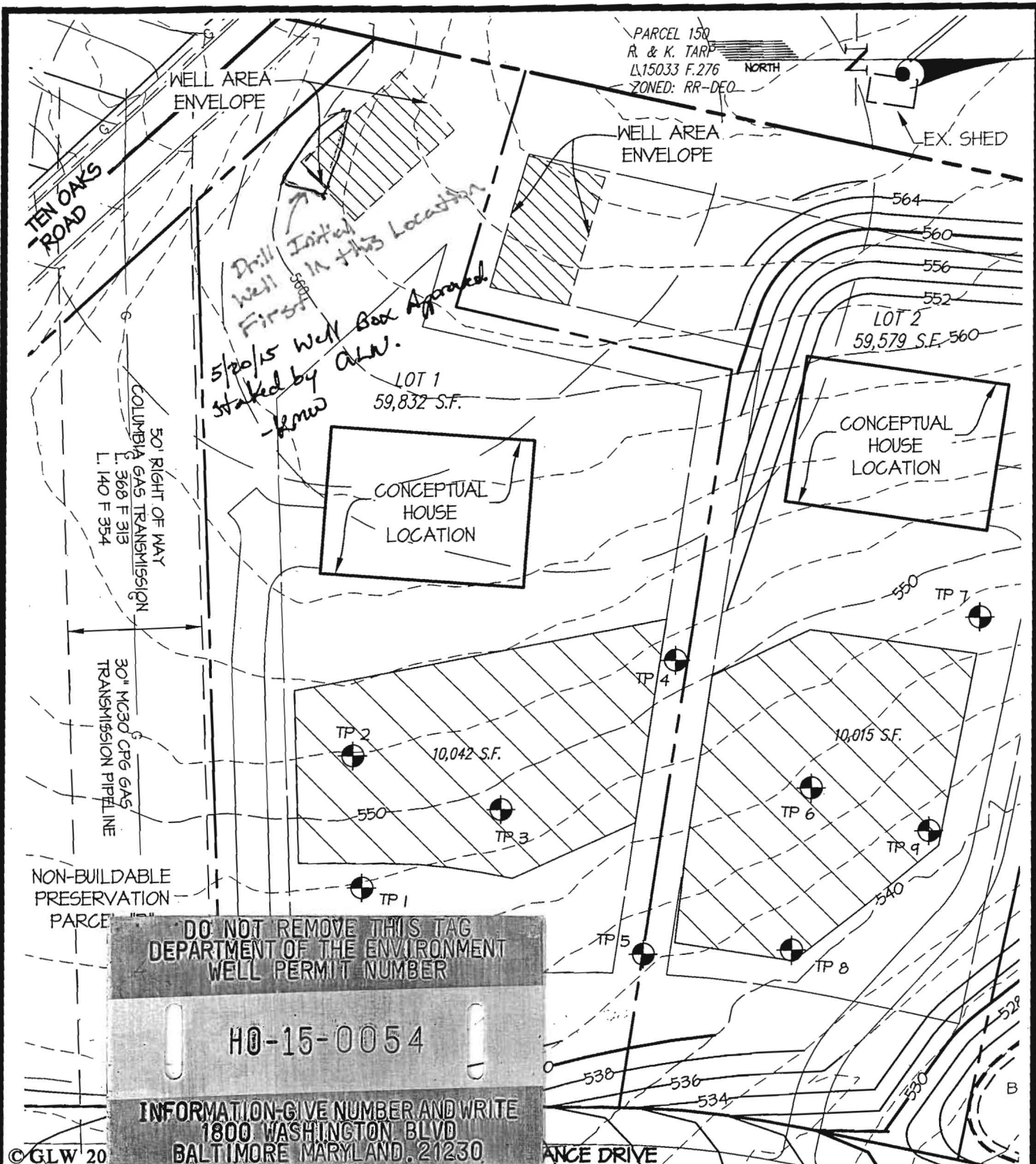
REGULATIONS FOR HYDROFRACTURING OF WATER WELLS CAN BE FOUND IN COMAR 26.04.04.28. FAILURE TO FOLLOW REGULATORY PROCEDURES WILL CONSTITUTE RECEIVING A WRITTEN VIOLATION WHICH MAY RESULT IN PENALTIES DESCRIBED IN COMAR 26.04.04.38.

This Notice is provided pursuant to 510-624 of the States Government Article of the Maryland code. The Personal Information Requested on this form is intended to be used in processing this form pursuant to COMAR 26.04.04. Failure to provide the information requested may result in the form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") a public agency and subject to the Maryland Public Information Act. This form may be made available on the internet via MDE a website and subject to inspection or copying, in whole or in part, by the public and other government agencies. If not protected by Federal or State law.

Frank Phillips
 DRILLER SIGNATURE

MWD579
 LIC #

11-17-15



DO NOT REMOVE THIS TAG
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER
HO-15-0054
 INFORMATION-GIVE NUMBER AND WRITE
 1800 WASHINGTON BLVD
 BALTIMORE MARYLAND, 21230

WELL SITE PLAN		GAITHER'S CHANCE LOT 1	
GLWG GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3908 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188	DES. dds	PREPARED FOR : CHM, LLC 5027 TEN OAKS ROAD CLARKSVILLE, MD 21029 JANET MARSHALL 410-531-1460	G. L. W. No. 13070
	DRN. dds		ZONING RR-DEO
	CHK.		TAX MAP/GRID 28-8
	L:\CADD\DRAWINGS\13070\PLANS BY GLW\Well Site Plans\2015-04 Well Plan.dwg		
			SCALE 1"=50'
			SHEET 1 OF 1

2015-05-08 10:15:14 AM LAST SAVERS 8 015 2015 40 PLOTTER 16.00 Low Res.dwg

FOGLE'S WELL DRILLING

P.O. BOX 202
WOODBINE, MD 21797
443-609-4195

November 12, 2015

Howard County Health Department
8930 Stanford Dr
Columbia, Md 21045

Re: Gaithers Chance Lot #1, #2 & #4

Kevin,

Fogle's & Ralph Mobely are requesting permission to Hydrofrac at Gaithers Chance Lot # 1, #2, and #4. We are requesting to Hydrofrac in hopes to get a well that meets State & County standards for an acceptable well. The reason why we choose to Hydrofrac instead of trying to drill in another location is due to the fact of the required setbacks on the lots and limited space of where we can drill. We believe Hydrofracing is the best option to get the required gallons per minute so that we do not lose the approved lots.

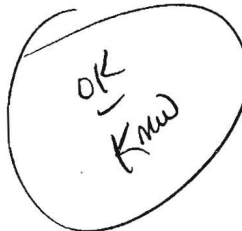
Fogle's called Howard County Health Department on Thursday November 12th and scheduled to Hydrofrac on Tuesday November 17, 2015 @ 9:00 a.m.

Please do not hesitate to contact me with any further questions or concerns.

Sincerely,



Allen Compton
MSD009
AJC/tlm



Wolf, Kevin

From: Ralph Mobley <rmobley@mitchellbest.com>
Sent: Tuesday, November 10, 2015 3:24 PM
To: Wolf, Kevin
Cc: 'theresa@foglesinc.com'
Subject: Re: Gaithers Chance Lot 1

Thank you Kevin! Enjoy your time off!

Ralph Mobley, Jr.
Mitchell & Best Homes

Sent from my iPhone

On Nov 10, 2015, at 3:20 PM, Wolf, Kevin <KWolf@howardcountymd.gov> wrote:

Ralph, I will be back in the office Thursday. If you or Theresa have any questions call me.

Kevin M. Wolf, LEHS

Groundwater Mgmt. Sec. Supervisor

Well & Septic Program

Bureau of Environmental Health

8930 Stanford Blvd.

Columbia, MD 21045

kwolf@howardcounty.gov

----- Original message -----

From: Ralph Mobley <rmobley@mitchellbest.com>
Date: 11/10/2015 2:52 PM (GMT-05:00)
To: "Wolf, Kevin" <KWolf@howardcountymd.gov>, Theresa Miller <Theresa@foglesinc.com>
Subject: RE: Gaithers Chance Lot 1

Hi Kevin,

I wanted to follow-up with you on my e-mail below from last week regarding the sodium results for the wells on

Lots 1 & 2 to see if we have permission to hydrofrack them. I'm at a point in the overall development review process now where I need to get ready to submit the plat to stay in compliance with the development review timeframes, but I can't do that until I have all the wells certified by the Health Department. I'd greatly appreciate any updates you can provide me.

Thank you,

Ralph Mobley, Jr.
Vice President of Land
Mitchell & Best Homes
O: 301.762.9511 ext. 305
C: 240.793.9616
Mitchell & Best | Instagram | Twitter | Facebook

-----Original Message-----

From: Ralph Mobley
Sent: Wednesday, November 04, 2015 2:38 PM
To: 'Wolf, Kevin'; Theresa Miller
Subject: RE: Gaithers Chance Lot 1

Hi Kevin,

I just exchanged e-mails with Theresa and she informed me that you have the sodium results now for the wells on Lot 1 & 2 at Gaither's Chance (reports attached). The results seem low to me. I wanted to check back with you to see what the next step is to gain approval to hydrofrack these wells.

Thank you!

Ralph Mobley, Jr.
Vice President of Land
Mitchell & Best Homes
O: 301.762.9511 ext. 305
C: 240.793.9616
Mitchell & Best | Instagram | Twitter | Facebook

-----Original Message-----

From: Wolf, Kevin [<mailto:KWolf@howardcountymd.gov>]
Sent: Wednesday, October 28, 2015 9:31 AM
To: Theresa Miller
Cc: Ralph Mobley
Subject: RE: Gaithers Chance Lot 1

Thank you. We will wait for all test results.

-----Original Message-----

From: Theresa Miller [<mailto:Theresa@foglesinc.com>]
Sent: Wednesday, October 28, 2015 9:29 AM
To: Wolf, Kevin
Cc: rmobley@mitchellbest.com
Subject: FW: Gaithers Chance Lot 1

Kevin,

Just wanted to make sure you received these water test results from Fountain Valley. I think the lab sent them to

Sharhonda. I will forward Lot #2 next.
I am still waiting on the Sodium results which usually take about 7 working days.

Thanks,
Theresa

-----Original Message-----

From: Cass Holland [<mailto:ccholland@fval.com>]
Sent: Tuesday, October 27, 2015 2:45 PM
To: Theresa Miller <Theresa@foglesinc.com>
Cc: 'Martin, Sharhonda' <smmartin@howardcountymd.gov>
Subject: Gaithers Chance Lot 1