#### EMERGENCY/TEMP NO. IF ANY

SEQUENCE NO.	STATE OF MARYLAND	STATE PERMIT NUMBER
MDE USE ONLY)	APPLICATION FOR PERMIT TO DRILL WELL	40 - 95 - 264
	please type	70 111 1 79
Date Received (APA)		fill in this form completely  LOCATION OF WELL
OWNER INFO	RMATION	ECOATION OF WELL
8 MM DD YY 13	8 COUNTY	1. 21
15 Last Name Owner	First Name 34 The C	nose 11
11637 Wixens Path	23 SUBDIVISION	42
36 Street or RFD	55 SECTION	LOT L
Ellicott City Md	2/042	48 50
57 Town 70 State	72 Zip 76 S2 NEAREST TOWN	71
DRILLER INFORMATION		
Driller's Name	76 License No. 81 B 4	^
Jones Well Drilling	SOURCES OF DRILLING WATER	11637 Vixens with
Firm Name	1 Not	11 STREET ADDRESS 30
3700 Rush Pel Tarretter	2/k MD 2/284  2.	ON WHICH SIDE OF ROAD NORTH
Address O Ka OO	10-15-13	(CIRCLE APPROPRIATE BOX)
Signature Series	Date	34 44 5 37 SOUTH
B 2 WELL INFORMATION	15	DISTANCE FROM ROAD
1 2 APPROX. PUMPING RATE (GAL. PER MIN.)	8 12	ENTER FT OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14	1000	TAX MAP: BLK: PARCEL
USE FOR WATER (CIRCLE A	the state of the s	BE FILLED IN BY DRILLER
DOMESTIC POTABLE SUPPLY & RESID	LICAL TU	DEPARTMENT APPROVAL
F FARMING (LIVESTOCK WATERING & AC	SPICILITIES . HAMAN	A511073
F FARMING (LIVESTOCK WATERING & AC IRRIGATION)	COUNTY NAME	COUNTY NO.
22 I INDUSTRIAL, COMMERCIAL, DEWATER	RING STATE SIGNATURE	INSERT S
P PUBLIC WATER SUPPLY WELL	DATE ISSUED	12/5/14
T TEST, OBSERVATION, MONITORING O OPEN LOOP GEOTHERMAL	43 MM DD YY 48	CO MINATURE EXPLOATE
C CLOSED LOOP GEOTHERMAL		
APPROXIMATE DEPTH OF WELL 53		ED LOCATION OF WELL ON LOT CTURES SUCH AS BUILDINGS, SEPTIC SYSTEM,
Arrhoximate ber in or wete 24	28 ROADS AND/OR LAND	MARKS AND INDICATE NOT LESS THAN TWO
APPROXIMATE DIAMETER OF WELL	NEAREST INCH	CE MEASUREMENTS TO WELL
METHOD OF DRILLING	3 (circle ane)	1 4934
BORED (or Augered) JETTED	Jetted & DRIVEN	02
30 AIR-ROTary AIR-PERcussion	ROTARY (Hydraulic Rotary)	C.C.
37 CABLE REVerse-ROTary	DRive-POINT	No.
other		180
REPLACEMENT OR DEEF	PENED WELLS	
THIS WELL WILL NOT REPLACE AN EXIS	TING WELL	ixe
THIS WELL WILL REPLACE A WELL THAT	WILL BE	
ABANDONED AND SEALED		<b>K</b>
39 S THIS WELL WILL REPLACE A WELL THAT AS A STANDBY-CONTACT LOCAL APPRO		<b>一</b>
FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEN AN EXISTING	WELL	
PERMIT NUMBER OF WELL TO BE REPLACED	OR DEEPENED	
(IF AVAILABLE) 41	52 N	
Not to be filled in by driller (MDE OR	COUNTY USE ONLY)	20
APPROP. PERMIT NUMBER	G	5
	05 0/11	1-0 plat
PERMIT No. 40	-95 -0611 72 73 74 75 76 77 78 79	school plat
SPECIAL CONDITIONS	Rodin Sample mounted or	Lynn wold lack

SEQUENCE NO. STATE OF MARYLAND THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. (MDE USE ONLY) WELL COMPLETION REPORT 10 1005RK COUNTY FILL IN THIS FORM COMPLETELY (THIS NUMBER IS TO BE PUNCHED PLEASE PRINT OR TYPE NUMBER IN COLS. 3-6 ON ALL CARDS) PERMIT NO.
FROM "PERMIT TO DRILL WELL" ST/CO USE ONLY DATE WELL COMPLETED Depth of Well **DATE** Received 1775 13 (TO NEAREST FOOT) 29 30 31 32 33 34 35 36 37 OWNER TOWN STREET OR RFD SUBDIVISION SECTION **GROUTING RECORD** 3 WELL HAS BEEN GROUTED (Circle Appropriate Box) Not required for driven wells **PUMPING TEST** STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING TYPE OF GROUTING MATERIAL (Circle one) HOURS PUMPED (nearest hour) CEMENT CM BENTONITE CLAY BC check DESCRIPTION (Use additional sheets if needed) if water bearing FROM TO PUMPING RATE (gal. per min.) NO. OF POUNDS 30 Brown Soil GALLONS OF WATER METHOD USED TO BUCK DEPTH OF GROUT SEAL (to nearest foot) MEASURE PUMPING RATE L STAY MICA 30 52 ft. to \_\_\_\_ WATER LEVEL (distance from land surface) (enter 0 if from surface) BEFORE PUMPING CASING RECORD casing 33 types CO insert WHEN PUMPING appropriate code OIT TYPE OF PUMP USED (for test) below A air piston T turbine MĂIN Nominal diameter Total depth CASING top (main) casing of main casing other TYPE (nearest inch)! (nearest foot) C centrifugal (describe 0 rotary below) 60 61 63 64 66 70 J jet submersible OTHER CASING (if used) diameter depth (feet) inch from to PUMP INSTALLED DRILLER WILL INSTALL PUMP NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. SCREEN RECORD TYPE OF PUMP INSTALLED screen type 29 PLACE (A,C,J,P,R,S,T,O) or open hole ST BR HO IN BOX 29. insert BRASS OPEN CAPACITY appropriate BRONZE HOLE **GALLONS PER MINUTE** code PL OT (to nearest gallon) 35 below PUMP HORSE POWER 37 41 2 DEPTH (nearest ft.) PUMP COLUMN LENGTH NUMBER OF UNSUCCESSFUL WELLS: (nearest ft.) 43 CASING HEIGHT (circle appropriate box WELL HYDROFRACTURED 15 17 N and enter casing height) + above CIRCLE APPROPRIATE LETTER LAND SURFACE 24 26 36 30 32 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED S 2 (nearest) below foot) **ELECTRIC LOG OBTAINED** 50 51 39 41 45 47 TEST WELL CONVERTED TO PRODUCTION LOCATION OF WELL ON LOT WELL SLOT SIZE 1\_ SHOW PERMANENT STRUCTURE SUCH AS 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. BUILDING, SEPTIC TANKS, AND /OR DIAMETER (NEAREST OF SCREEN LANDMARKS AND INDICATE NOT LESS INCH) 56 60 THAN TWO DISTANCES from to (MEASUREMENTS TO WELL) WELLER MILD DRILLERS LIC. NO. 1 **GRAVEL PACK** IF WELL DRILLED WAS FLOWING WELL CONTRACT 68 INSERT F IN BOX 68 DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION) MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) MWDS LIC. NO. II (E.R.O.S.) WQ T 70 72 SITE SUPERVISOR (sign. of driller or journeyman 74 75 76 LOG INDICATOR TELESCOPE responsible for sitework if different from permittee) OTHER DATA CASING Front Prop. Line COUNTY

Page 1. of 1 Date 8-25-99 Review ON SRN 5/17/00 Letter sent to Barlow

# FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Locat	Permit No. HO - 94 236/ tion of property (road) VIVENS Par	40				
Subdi	ivision Medict Farm	Lot	4 Block	Plat	Sec.	
Well	Driller Michael Barlow	Owner	Howard	Estates	Dev. C	STOU
	Depth of well 175 Distance of measuring point (M.P.) abo Static water level (S.W.L.) below M.P.	ve grou				
I.	High rate pumping reservoir drawdown					
	Time pump started to reach pumping		Pumping rate	ft. below	M.P.	

## II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
2:00	24'	le sec		10
2:15	ldo'	losec		10
2:30	88'	10500		6
2:45	88'	10 sec		6
3:00	88'	iosec		6
3:15	88'	iosec		6
3:30	88'	lose		6
3:45	88'	losec		6
4:00	88,	1090		6
4:15	88'	10 sec		6
4:30	88'	10 Sec		6
4:45	. 88'	10 Sec		6
5:00	88,	10 Sec		6.

Date Received (APA)  OWNER INFORMATION	B 3	COATION OF WELL
8 MM DD YY 13  15 Last Name Owner First Name 34  36 Street or RFD 55  57 Town 70 State 72 Zip 76  DRILLER INFORMATION	8 COUNTY  23 SUBDIVISION  SECTION 44 46  52 NEAREST TOWN  MILES FROM TOWN (enter	LOCATION OF WELL  21  LOT 4  42  LOT 48 50  71  0 if in town)
Driller's Name  To License No. 81  WICHAEL BARGO WILL Drill 1980  Firm Name  Address  Signature  Date  B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.)  AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)  14 20	8	ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34  37  DISTANCE FROM ROAD ENTER FT OR MI 38  39  TAX MAP:  BLK:  PARCEL
D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  22 I INDUSTRIAL, COMMERICIAL, DEWATERING  P PUBLIC WATER SUPPLY WELL  T TEST, OBSERVATION, MONITORING  G GEO-THERMAL	COUNTY NAME STATE SIGNATURE DATE ISSUED 43 MM DD YY 48 NORTH	BE FILLED IN BY DRILLER DEPARTMENT APPROVAL  CO  A5/1073 A  COUNTY NO.  INSERT S  41  08/200  CO SIGNATURE EAST O 0 0 0  57  63
APPROXIMATE DEPTH OF WELL  APPROXIMATE DIAMETER OF WELL  METHOD OF DRILLING (circle one)  METHOD OF DRILLING (circle one)  JETTED  Jetted & DRIVEN  AIR-ROTary  AIR-PERcussion  ROTARY (Hydraulic Rotary)  TOTAL OTHER  REVERSE ROTARY  OTHER  REPLACEMENT OR DEEPENED WELLS  (CIRCLE APPROPRIATE BOX)  N 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	SHOW MAJOR FEATURES BOX & LOCATE WELL WITH AN X  SOURCES OF DRILLING W 1. 2. 3.  WRITE THE BOX NUMBER FROM THE MAP HERE  E  N  DRAW A SKETCH BELOW RELATION TO NEARBY TO	
AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  THIS WELL WILL DEEPEN AN EXISTING WELL  PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED  (IF AVAILABLE) 41	N 255 L 28 PMI	lomeword ed.

DENV-Permit 97

@ COUNTY

### JONES WELL DRILLING 3700 RUSH ROAD JARRETTSVILLE, MD 21084 (410) 692-6981

Yield Test Completed: 5-20-2014 Permit Number: HO-95-2611

Initials: MSR Well Depth: 400'

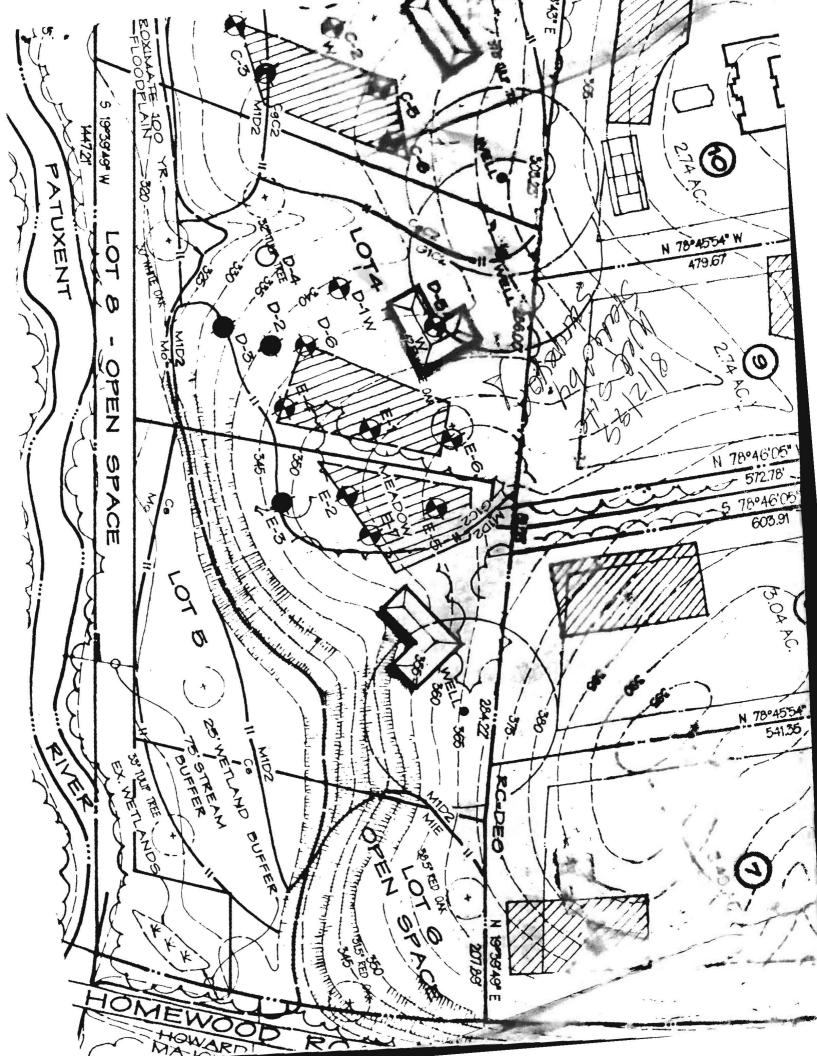
Subdivision:

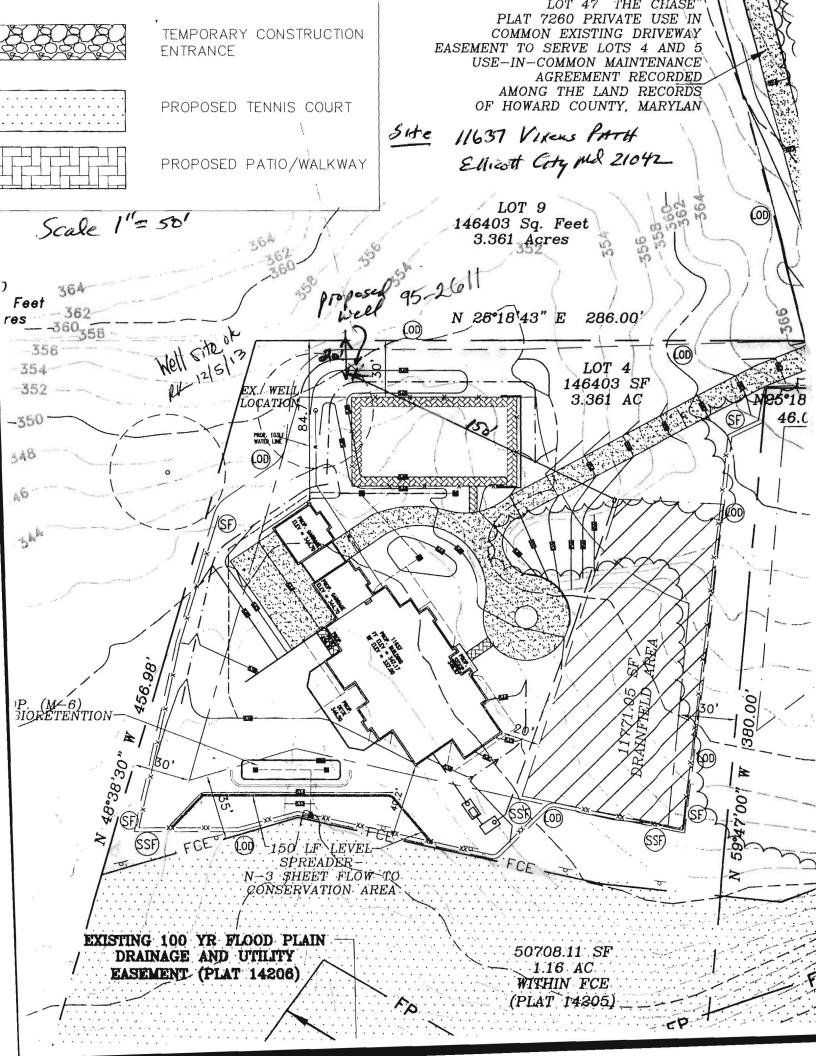
Lot:

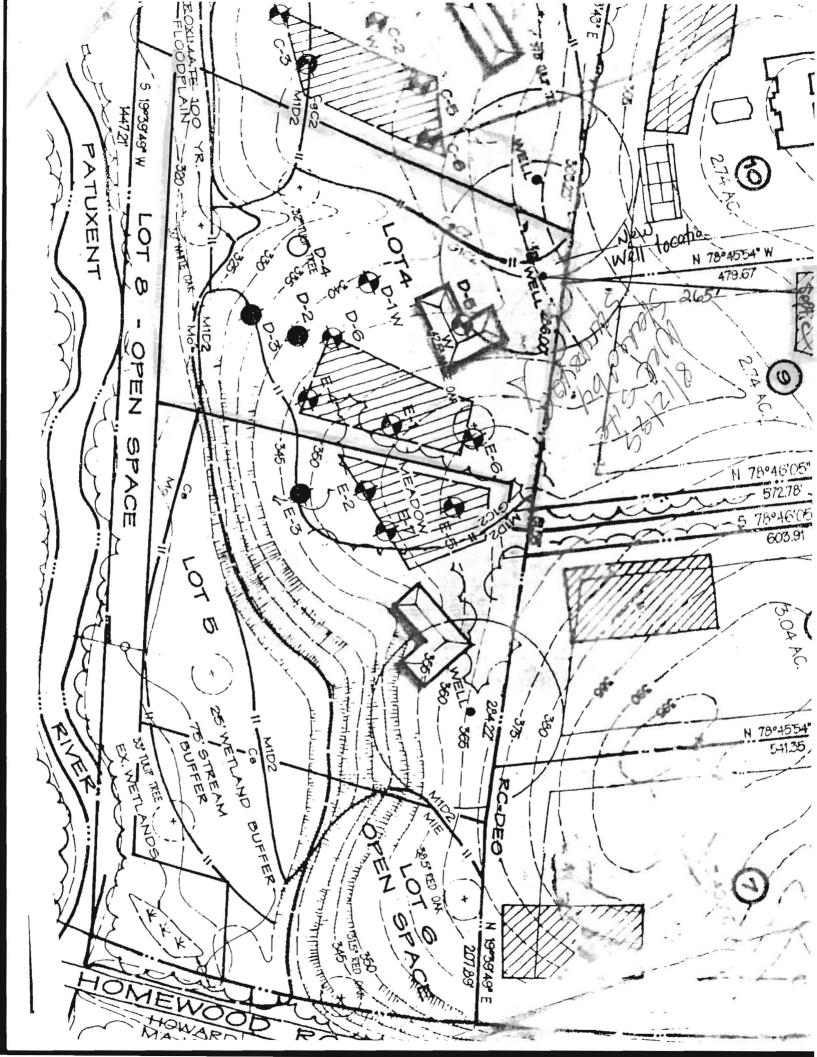
Section: Road: 11637 Vixens Path County: HO State: MD

			Time to Fill 5 Gallon Bucket/	
	Time	Water Level	Seconds	Gallons/Minute
1	11:15	9	20	15.00
2	11:30	17	20	15.00
3	11:40	19	20	15.00
4	12:00	20	20	15.00
5	12:15	20	20	15.00
6	12:30	20	20	15.00
7	12:45	20	20	15.00
8	1:00	20	20	15.00
9	1:15	20	20	15.00
10	1:30	20	20	15.00
11	1:45	20	20	15.00
12	2:00	20	20	15.00
13	2:15	20	20	15.00
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				2 .
24				
25				
26				
27				
28				
29				
30				*
31				

FUTURE PERFORMANCE MAY VARY FROM TESTED PERFORMANCE









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

## TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

The	ite Location:  Thase II  ivision/Property Name	Lot#	11637 (1) Road Name	IRNS PATH	
ū	The well site has been (professional land surveyor on //-25-13	or compa	by W. Ross iny employing profession e) and does not rec	onal land surveyors)	
۵	The well driller, build Department to schedu proposed well site loc	ile a tim			

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

RECEIVED

DEC /3 2013

HOWARD COUNTY HEALTH DEPT.

COMMUNITY HYGIENE PROGRAM



c 1 21098 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND	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)	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER	
ST/CO USE ONLY DATE WELL COMPL		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
	<sup>2</sup> 700 <sup>26</sup>	HO-94-2361	
6 13 15	(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 3	
OWNER VIXENS PATE		Mizott City	
SUBDIVISION	SECTION	LOT	
WELL LOG	GROUTING RECORD Yes 10	C 3	
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROOTING MATERIAL (Citate one)	HOURS PUMPED (nearest hour)	
DESCRIPTION (Use FEET if water additional sheets if needed) FROM TO bearing	CEMENT C M BENTONTE CLAY B C	8 9	
	NO. OF BAGS 46 NO. OF POUNDS 45 46  GALLONS OF WATER	PUMPING RATE (gal. per min.)	
Deepener	DEPTH OF GROUT SEAL (to nearest fost)	METHOD USED TO MEASURE PUMPING RATE	
Deepened existing Well	from ft. to ft.	WATER LEVEL (distance from land surface)	
Well	(enter 0 if from surface)		
1 0 ~ ~ ~ (4) 175 337	casing types CASING RECORD	BEFORE PUMPING 17 20 ft.	
hard gray rach 175 337 med, hard gray roch 337 339	insert STEEL ONCRETE	WHEN PUMPING	
mcd, hard gray 337 339	below PL OT	TYPE OF PUMP USED (for test)	
1 29 348	PLASTIC OTHER	(A a) P piston T turbine	
have gray rock 339 348 have gray rock 348 456 W/ grante	MAIN Nominal diameter Total depth CASING to (main) casing of main casing	27 27 other	
have gray rock in	TYPE (nearest loch)! (nearest foot)	C centrifugal R rotary O (describe	
Warte 318 936	60 61 63 84 66 70	J jet S submersible	
01 000	E OTAER CASING til used) diameter depth (feet)	27 27	
medhedgray 456 45? head gray rock 457 700	C diameter (1981)	PUMP INSTALLED	
1. 2	s	DRILLER INSTALLED PUMP YES (NO)	
herd gray 100 451 700		(CIRCLE) (YES or NO)  IF DRILLER INSTALLS PUMP, THIS SECTION	
1 190212	3	MUST BE COMPLETED FOR ALL WELLS.	
1	screen type SCREEN RECORD or open hole SCREEN RECORD	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29	
	insert STEEL BRASS OPEN	IN BOX 29.	
1	( appropriate ) BRONZE HOLE	CAPACITY: GALLONS PER MINUTE (to peacest cellon) 31 35	
	below PLASTIC OTHER	(15 Hourst gamen)	
,	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER  37  41	
NUMBER OF UNSUCCESSFUL WELLS:	1 2	PUMP COLUMN LENGTH (nearest ft.)	
WELL HYDROFRACTURED YES	E 1 170 15 17 21	CASING HEIGHT (circle appropriate box	
WELL HYDROFRACTURED Y N	C 2	and enter casing height)	
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED	H 23 24 26 30 32 36 S	LAND SURFACE (nearest)	
WHEN THIS WELL WAS COMPLETED  ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51	below )	
P TEST WELL CONVERTED TO PRODUCTION WELL	E	LATITUDE 39.242014	
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE . BOYE	N DIAMETER (NEAREST	LONGITUDE 76.911315	
IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE BOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRES MITH HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MEY	OF SEE CEIVED (NCH)	(DEFAULT COORD. WGS 84)	
KNOWLEDGE.	from to	NOTES:	
DRILLERSLIC NO. 1 MW D 3 0 11	GRAVEL PACK	VIXENS PATH	
Saw Kelly	WAS FLOWING THE WORK TO BE THE WAS FLOWING THE WAS BEEN THE WAS BEEN TO BE THE WAS BEEN THE WAS	\ \	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)		
yc. No. 1 2 0 9/91	HOWARD COUNTY-HEAS: TH DEPT. W	137'	
Last Listan	COMMUNITY HYGIENE PROGRAM	\ ⊕	
SITE SUPERVISOR (sign. of driller or journeymal responsible for sitework if different from permittee)	TELESCOPE TO TELES		
responsible for site work in different from permittee)	CASING INDICATOR OTHER DATA		
MDE/WMA/PER.071	ORIGINAL		

Sponsored

Lower Your Mortgage Rates Hit 2.75%

Calculate new payment

\$225k loan \$919mo No fees, 2,86%APR

Capital One 360 - Live for today. Save for tomorrow. - Sponsored Compose Delete Move ~ Spam Spam More ~ 11637 Vixen Path - Well Permit requirements Drafts (3) Rappaport, Ryan Sent To Me Spam David Trash (5) Thank you for speaking with me this morning. As per your request, listed below are the requirements for us Folders to move forward with is suing the penuit for the second well at 11637 Visen Path: 1. A revised "Well Site-Exhibit" showing the septic areas on the neighboring lots in order Messenger to verify setbacks. (provide 2 copies, 8.5x11 sheet of paper with 1"-30" to 1"-100" scaled drawing) - should match the most recently signed and approved Health Dept Percolation Calendar Certification Plan Contacts 2. A revised "Well Staked Form" (attached for your convenience) have a professional land surveyor stake the site of this new well and check the first box and fill in the name of Notepad the company with a date 3. There must be a physical break in the piping between the existing well this new well (valves are not acceptable as a physical break) Yahoo Mail for Mobile 4. No building may have an indoor faucet connected to the well, all faucets must be on Send Feedback the exterior and outside the buildings

5. If the well is going to be used as a non-potable supply:

- · It must meet bacteria standards
- It must meet all pertinent setbacks
- It must not interfere with any sewage disposal areas on or off the property
- The visible water lines for the well must be painted red and clearly labeled "non-potable"

Please feel free to call me if there are any questions

Ryun Rappaport, L.E.H.S.

Howard County Health Department Bureau of Environmental Health 8930 Stanford Blvd. Columbia, MD, 21045 Phone (410) 313-1781 Fax(410) 313-264x

www.co.ho.md.us

#### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly probibited from reading, disseminating, distributing, or copying this communication. If you have received this small in error, please notify the sender immediately and destroy the original transmission.

1 Attachment Download attachment ~

Well Staked Certifi... .pdf

Reply, Reply All or Forward | More

Download

storalt residential in

sandy

≡ Collapse All X

D

Mr. Jeff Williams

Howard County Health Department

Re: 11637 Vixens Path

Ellicott City, MD, 21042

Dear Mr. Williams,

Desbuild Construction would like to drill a new well on the above property, as the existing well's specifications are not satisfactory.

Desbuild will utilize the new well for potable use, and the existing well for irrigation. The provisions of this new well will yield to Desbuild's satisfaction.

I appreciate your cooperation in this matter.

Nick Ghaffarian Desbuild Construction, Inc.

Phone: 443-542-1260

# RECEIVED

DEC 5 2013

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM