CII 1939 (MDE USE ONLY)	STATE OF MARTLAND	WELL IS COMPLETED.
	WELL COMPLETION REPORT	COUNTY DELES CILES
•	FILL IN THIS FORM COMPLETELY	NUMBER 451269466
DATE Received DATE WELL COMPL	- AV	FROM "PERMIT TO DRILL WELL"
<u>DI 21 00</u>	22 375 26 4 T	$H0^{-}94^{-}240^{-}3$ 28 29 30 31 32 33 34 35 36 37
8 13 T5		
OWNER OF RFD last name Bar Sel	RCACheef first name TOWN	Ellicott City MD
SUBDIVISION Brantwood	SECTION	LOT 30
WELL LOG	GROUTING RECORD yes no	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		HOURS PUMPED (nearest hour) 3
DESCRIPTION (Use FEET check additional sheets if needed) FROM TO bearing	CEMENT CIAY BC	
rite bearing	NO. OF BAGS 4022 NO. OF POUNDS 2000	PUMPING RATE (gal. per min.) 11 15
BROWN SHALE O TO	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE
BLUE SLATE 70 375-2	from $\frac{2}{48}$ TOP 52 ft. to $\frac{2}{54}$ BOTTOM 58 ft.	WATER LEVEL (distance from land surface)
	(enter 0 if from surface)	BEFORE PUMPINGft.
	casing CASING RECORD	17 20
	(appropriate) STEEL CONCRETE	WHEN PUMPING $\frac{12.6}{22}$ ft.
	code below PL OT	TYPE OF PUMP USED (for test)
	PLASTIC OTHER	A air P piston T turbine
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	27 27 27 other
	TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary (describe
		J jet S submersible
	E OTHER CASING (if used)	
Barrier and a second	A diameter depth (feet) C inch from to	PUMP INSTALLED
	C LL	DRILLER INSTALLED PUMP YES NO
		(CIRCLE) (YES or NO)
-	G	MUST BE COMPLETED FOR ALL WELLS.
	screen type SCREEN RECORD	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29
	insert STEEL BRASS OPEN	IN BOX 29. CAPACITY:
WATER AT	(appropriate code BRONZE HOLE	GALLONS PER MINUTE
173-345	below PL OT PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER
	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH
NUMBER OF UNSUCCESSFUL WELLS:		(nearest ft.) $\frac{43}{43}$
WELL HYDROFRACTURED	$E \frac{140}{89} \frac{52}{11} \frac{375}{17} \frac{375}{21}$	CASING HEIGHT (circle appropriate box
	A C	and enter casing height) (49) above
CIRCLE APPROPRIATE LETTER	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	(nearest)
WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED	C <u>3</u> R <u>38 39 41 45 47 51</u>	49 50 51 (Notice, foot)
P TEST WELL CONVERTED TO PRODUCTION WELL	E E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT
WELL HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND	DIAMETER (NEAREST	SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN
IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED	OF SCREEN INCH)	TWO DISTANCES (MEASUREMENTS TO WELL)
HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	from to	
DRILLERS LIC. NO. 1 MWDL 39 1	GRAVEL PACK	PROP LINE
Robert Cline	WAS FLOWING WELL INSERT F IN BOX 68 68	20 30
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY	Well
LIC. NO.1 MWD 140 1	(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	
Selver Harlas	70 72	
SITE SUPERVISOR (sign. of driller or journeyman	TELESCOPE LOG 74 75 76	SENECA CHIEF TRAIL
responsible for sitework if different from permittee)	CASING INDICATOR OTHER DATA	
	@ COLUMN	

	07475 05		STATE PERMIT NUMBER	
B 1 U9846 (MDE USE ONLY)		MARYLAND	ILA ALL 2402	
1 2 3 6		DRILL WELL int or type	$\frac{1}{70}$	100
· · · · · · · · · · · · · · · · · · ·			LOCATION OF WELL	-
Date-Received (APA) OWNER INFOR	RMATION	B 3 Howard	LOCATION OF WELL	
8 MM DD YY 13		8 COUNTY	21	
Brantwood, L.L.C.		Brantwood		
15 Last Name Owner 8835 - P Columbia 100 Parki	First Name 34	23 SUBDIVISION	30 Aurea 1	
36 Street or RFD	55	SECTION 44 46	LOT 30 Area 1	1.1
	1045	Pine Orcha	ard	1
	72 Zip 76	52 NEAREST TOWN	71	
DRILLER INFORMATION		MILES FROM TOWN (en	nter 0 if in town)	
Robert L. Cline M Driller's Name 76	<u>A W D 139</u> 6 License No. 81	B 4	73 76 77 78	-
<u>Cline & Duvall, İnc.</u>		1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	Seneca Chief Trail	
8093 Hillmark Ct., Frederic	k, MD 21704)
Robert L. Cline	8/11/99 Date		W 22 E WEST SEA 34 255 37 SOUTH	
Signature B 2 WELL INFORMATION	5		DISTANCE FROM ROAD	1
1 2 APPROX. PUMPING RATE -	3 12	SW SE	16 & 23 ENTER FT OR MI P7914	19 A
AVERAGE DAILY QUANTITY NEEDED	<u>300</u> 20	8-9 S 8-9 8	TAX MAP: BLK: PARCEL	+
		NOT T HEALT	TO BE FILLED IN BY DRILLER TH DEPARTMENT APPROVAL	
DOMESTIC POTABLE SUPPLY & RESIDEN		Howard	CO A51269464 COUNTY NO.	5
F FARMING (LIVESTOCK WATERING & AGRI	ICULTURAL	COUNTY NAME STATE SIGNATURE		1
22 I INDUSTRIAL, COMMERICIAL, DEWATERIN	IG	DATE ISSUED	Devicing on alphan	
P PUBLIC WATER SUPPLY WELL		43 MM DD YY 48	CO SIGNATURE EXP. DATE	1.
T TEST, OBSERVATION, MONITORING		NORTH 520	east 820 000	
G GEO-THERMAL		GRID 50	55 GHD 57 63	
APPROXIMATE DEPTH OF WELL 250] FEET	SHOW MAJOR FEATURE BOX & LOCATE WELL WITH AN X	ES OF 1 2060 Key	44
APPROXIMATE DIAMETER OF WELL	6 NEAREST	SOURCES OF DRILLING	Groutin Dd.	
METHOD OF DRILLING	(circle one)	- 2. 	progressat	1
BORED (or Augered)	Jetted & DRIVEN	0.	time of the Did not a	star
	ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMB	LUSA manager LV	Film
³⁷ CABLE REVerse-ROTary	DRive-POINT	FROM THE MAP HERE	1 Decause of ti	ime
other		= 820	I'm constraints	Pri
CIRCLE APPROPRIATE		N 520		
THIS WELL WILL NOT REPLACE AN EXISTI		IN		
Y THIS WELL WILL REPLACE A WELL THAT W ABANDONED AND SEALED		RELATION TO NEARBY	W SHOWING LOCATION OF WELL IN TOWNS AND ROADS AND GIVE	
39 S THIS WELL WILL REPLACE A WELL THAT N AS A STANDBY-CONTACT LOCAL APPROVI FOR POLICY ON STANDBY WELLS			10 NEAREST HOAD JUNCTION \$40	
D THIS WELL WILL DEEPEN AN EXISTING WE			5	
PERMIT NUMBER OF WELL TO BE REPLACED OF (IF AVAILABLE) 41	R DEEPENED	N	in a fi	
Not to be filled in by driller (MDE OR C	1999 M 24	SH SIST SAACH	\$ 51 Jan	
APPROP. PERMIT NUMBER	<u>GAP</u>	Sertivail	1 miles	
PERMIT NO: 70 71 7	- 94 - 9403 2 73 74 75 76 77 78 79	NER GEN OSISINES 1	1 Ke	
SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			۲	

Page 1 of Date Dec	1 of / Dec 27 1999			
•		FIELD DATA S	HEET	
		HOWARD COUNTY WELL	YIELD TEST	
Vell Permit No	. но - 94	2403		
Subdivision	operty (road) Rentunn	Seneca Chier	Trail	
Vell Driller	Robert Cl	Ine Owne	Frail Block Plat Brantwood	LLC Sec. IL
· Depth o.	f well 3.	75		
Distance Static s	e of measuring p water level (S b	point (M.P.) above gr W.L.) below M.P.	ound	
			5.5-	
	pumping rese			
Time pump Total tin	me 45 Min to	Treach pumping water	Pumping rate 12 level 126 ft. 1	
TIME (in 15	WATER LEVEL	PUMPING RATE	recorded every 15 minut	
minute in-	below M.P.	time to fill 5	FLOW METER READING (if used)	CALCULATED FLOW (gallons per
tervals		gallon bucket		minute)
9:00	55	25 SECONDS		12
91/5	110	25 "		12
9:30	118	2511		12
<u>G145</u> .	126	251		12
10:00	126	25"	15	12
10:30	126	25"		12
10:45	126	25"		12
11:00	126	25"		12
11:15	126	7.51		12
11:30	126	25'1	-	12
11:145	126	25''		12
12:00	126	251		12
			6	
		A second		
	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			and and

Page of Date <u>1/21/179</u> 9:30 3hts <u>FIELD DATA SHEET</u> HOWARD COUNTY WELL YIELD TEST Well Permit No. HO - <u>94 9403</u> Location of property (road) <u>Seneca Chief Trail</u> Subdivision <u>Brantwood</u> Lot <u>30 Block Plat</u> <u>Sec. II</u> Well Driller <u>Robert Cline</u> owner <u>Brantwood Lice</u> Depth of well <u>375</u> Distance of measuring point (M.P.) above ground <u>1'</u> Static water level (S.W.L.) below M.P. <u>55'</u> I. High rate pumping reservoir drawdown Time pump started <u>9:00</u> Pumping rate <u>12</u> Total time <u>45 min</u> to reach pumping water level <u>126</u> ft. below M.P. II. Recovery pump test data - observations to be recorded every 15 minutes				
TIME (in 15 minute in-	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
tervals	below M.P.	time to fill 5 gallon bucket	(if used)	(gallons per minute)
9:00	55	25 per	NIA	12
9:15	110	25		12
9:30	118	25		12
9:45	126	25		12
11:30 11:45	126 126	25 25		12
		12/27/99	e lat 2	12
		Present for readings.		

VAN SANT

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648
2 BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
WATER AND 3640 EAV. (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 complete 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 approva
Company Name: VAOSACH Plbs + Hts Telephone # 301-829-0444
Address: 3 N Mars yes.
W Drow w D Dill
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation: License # and name of individual responsible for the field installation: License#Iicense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcense#IIcenseIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Name (Print): Jan ford Van Ant License# 10101
*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: 101 Homes Telephone #: -01-958 -0522
Subdivision: Will rag # . Ro
Site Address: 300 Sonace Chief Trail
Ethone Dia March 100 - 2
Submarsible Funn Data Pitless Adapter Well Cap and Electric Conduit
Make: Comodol Two piece watertight cap:
Model #: Lo. SPO9423 Model#: SION Screened, vented well cap:
MUNCH 7. LILLING Consistent
Fulling Capacity
Depth of well encountered at time of pump installation: 105 (feet) Conduit secured to well cap:
Depth of well encountered at this of pump instantion of 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
Piping to house House Connection
Type: House PVC sleeved to undisturbed soil at wall penetration: IS
PSI:(160 psi min) Approximate length of steeve
Depth of supply lines (200 mill)
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping
The water supply line is required to be at least tenact from the septe than, pump channed, out of the distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office t
distribution box, draumends, and sewage reserve area. In this cannot be accompnized, to and the
approval prior to installation.
He la Alite la
The part warded
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
(halo) 6/19/01 (RKC)
Date insp. Reducsied:
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Correct well tag attached properly and casing 8" above finished grade
Correct well tag attached properly and casing 8" above finished grade Water supply line sleeved adequately at house connection Adequate grout observed below pitless adapter



