(MDE USE ONLY)	WELL COMPLETION REPORT	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	NUMBER A513237-K	
ST/CO USE ONLY DATE Received MM DD YY 8 13	Depth of Well 22 300 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 28 29 30 31 32 33 34 35 36 37	
OWNER LAND DE SIGN	+ JEVELOR MENT	O APPONIE	
STREET OR RFD SUBDIVISION TO SHOP MA	SECTIONTOWN	LOT BPPA	
WELL LOG Not required for driven wells	GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Pay)	C 3	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST	
DESCRIPTION (Use additional sheets if needed) FROM TO bearing	CEMENT CM BENTONITE CLAY BC	HOURS PUMPED (nearest hour)	
Overburden 0 65	NO. OF BAGS NO. OF POUNDS GALLONS OF WATER	PUMPING RATE (gal. per min.) 11 METHOD USED TO	
Gray Rock 55 300 x	DEPTH OF GROUT SEAL (to nearest foot) from ft. to ft.	MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface)	
water at 110'	(enter 0 if from surface)	BEFORE PUMPING ft.	
	types insert ST CO	WHEN PUMPING	
	code below PL OT	TYPE OF PUMP USED (for test)	
	MAIN Nominal diameter Total depth	A air P piston T turbine	
	CASING top (main) casing of main casing (nearest foot) (nearest foot)	C centrifugal R rotary O other (describe below)	
	60 61 63 64 66 70 E OTHER CASING (if used)	J jet S submersible	
	A diameter depth (feet) H inch from to	PUMP INSTALLED	
	C	DRILLER INSTALLED PUMP YES (CIRCLE) (YES or NO)	
	g	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
	screen type or open hole ST BR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.	
	appropriate STEEL BRASS OPEN HOLE	CAPACITY: GALLONS PER MINUTE	
	below PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER	
NUMBER OF UNSUCCESSFUL WELLS:	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)	
WELL HYDROFRACTURED Yes N	E 1/40 70 307) A 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)	
CIRCLE APPROPRIATE LETTER	C 2 3 24 26 30 32 36	above LAND SURFACE	
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED	S C 3 R 38 39 41 45 47 51	below (nearest)	
P TEST WELL CONVERTED TO PRODUCTION WELL	E	LOCATION OF WELL ON LOT 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	DIAMETER (NEAREST OF SCREEN (NCH)	BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS	
HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	58 60 from to	THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
DRILLERS LIC. NO.1 M D 1 2 0 1	GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL	165	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	INSERT F IN BOX 68 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	1 7	
Marte Dra	T (E.R.O.S.) W Q	1	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	70 72 74 75 76 TELESCOPE LOG OTHER DATA	Proporty Line	
DENV-CR00	COUNTY		

B 1	2	6760	SEQUENCE NO.	STATE OF	MARYLAND	STATE PERMIT NUMBER	
1 12	3	0100	(MDE USE ONLY)	APPLICATION FOR PERMIT TO DRILL WELL		Hn-QU-27777	
				5/9055 please type		70 fill in this form completely 79	
	lata	Received (AP	20)	1317033	B 3 L	LOCATION OF WELL	
	n	neceived (Ar	3 OWNER INFO	RMATION	B 3 Howard	LOCATION OF WELL	
8	N	MM DD YY	1 3	THURSTION	8 COUNTY	21	3
L	B	Land De	esign & Developme	ent		Hall Shop Manor	
1:	5	Last Name	Owner	First Name 34	23 SUBDIVISION	111	42
L		9000 Ma	ain Street		SECTION L	LOT LA P. V. H	San a
31	6		Street or RFD	55	44 46	48/ 50	in the li
L 5	7	Ellicot Town	tt City 70 State	72 Zip 76	L Highland 52 NEAREST TOWN		1
3		RILLER INFO		72 ZIP 76	32 NEAREST TOWN		71
1				M D	MILES FROM TOWN (enter	0 if in town) M_ I	
L	rille	r's Name	81 Cochran	M U D 120 76 License No. 81	B 4		CER
		G P4-	n n n n n n		1 2 DIRECTION OF WELL FROM	Westcott Place	
F	irm	Name	ar Harr Sonn' Con		TOWN (CIRCLE BOX)	11 NEAR WHAT ROAD	30
f.		12047 F	alls Road, Cocke	vsville 21630		CAN WHICH SIDE OF BOAD	HIRC
A	ddre		10		NW 8 NE 8-9	(CIRCLE APPROPRIATE BOX)	32 E
L	-	186:	ake-	7/10/03	- >	WEST	SEAST
Des Local	ignā 2	Ture WELL IN	NFORMATION	Date	TOWN AE		DUTH .
B]	2	Al	PPROX. PUMPING RATE -			DISTANCE FROM ROAD ENTER FT OR MI 3	8 39
11		PER SECTION	GAL. PER MIN.)	8 750 12	S _W S S S S S S S S S S S S S S S S S S S	/11/2	170
		RAGE DAILY OU PER DAY)	JANTITY NEEDED	20	8-9 5 8-9	TAX MAP: 91 BLK: PARCEL	130
	16yı	USE	FOR WATER (CIRCLE A	PPROPRIATE BOX)		BE FILLED IN BY DRILLER	11
	6	DOMESTIC	POTABLE SUPPLY & RESIDE	NTIAL	HEALTH	DEPARTMENT APPROVAL	
	1	IRRIGATION			HOWARD	A513231	1.K
35	Ī		LIVESTOCK WATERING & AGE	RICULTURAL	COUNTY NAME	COUNTY NO.	1
22		→ IRRIGATION		110	STATE SIGNATURE	INSERT S	200
	2		L, COMMERICIAL, DEWATERI	NG	DATE ISSUED	Dy alad	0.4
at P		PUBLIC WA	TER SUPPLY WELL		43 MM DD YY 48	CO SIGNATURE EXP. DAT	TEY 1
	G.	T TEST, OBSE	ERVATION, MONITORING		NORTH / (O)	EAST OCIC	
ESE	(GEO-THER	MAL		GRID 41 0 C	$\frac{0.0}{55}$ GRID $\frac{10.00}{57}$ 63	C 48
Taly (TO THE REAL PROPERTY.		SHOW MAJOR FEATURES	OF Interior hist	
А	PPF	ROXIMATE DEP	TH OF WELL 1 25	O I FEET	BOX & LOCATE WELL	10/15/03 10/30	1_
		11.5000	24	28	WITH AN X SOURCES OF DRILLING W	gione gione	7
А	PPF	ROXIMATE DIAM	METER OF WELL	NEAREST INCH	1. WO \\	NO INST	0
		The State of the			2.		1 1 1 1
1.5	000		METHOD OF DRILLING		3.		
00	-	ED (or Augered) ROTary		Jetted & DRIVEN			1
_ A	ABL	and the same of th	AIR-PERcussion REVerse-ROTary	ROTARY (Hydraulic Rotary) DRive-POINT	WRITE THE BOX NUMBER		/
	ther		neverse-notary	DRIVE-FOILT	FROM THE MAP HERE		-
-	tilei			ENER INC.	818	9	X
	1	HE	PLACEMENT OR DEEP. (CIRCLE APPROPRIAT)		110	000	/
1	N	THIS WELL W	VILL NOT REPLACE AN EXIST	TING WELL	N 498	D	-
1	Y		ILL REPLACE A WELL THAT	WILL BE		SHOWING LOCATION OF WELL IN	海市
100		ABANDONED				OWNS AND ROADS AND GIVE O NEAREST ROAD JUNCTION	
39	S		VILL REPLACE A WELL THAT BY-CONTACT LOCAL APPROV		BIOTATOL THOM WELL TO	THE THE STATE OF T	
	7		ON STANDBY WELLS			- 50	124
A 11	D		VILL DEEPEN AN EXISTING W		a religio	ahol (4)	- X
		VAILABLE) 4	OF WELL TO BE REPLACED (F DEEPENED 52	N	ahor (+)	35.7
W. T.	-	Not to be till-	od in by driller (MDE CD (COUNTY LISE ONLY		117	The same
1,4	1	vot to be fille	ed in by driller (MDE OR (COUNTY USE UNLY)	0.4	JA! JOS	
A	PPF	ROP. PERMIT N	IUMBER 4020	QJG OTTE 情間	新 165 B 36	18 18	1
1.7			115	01 2000		O mos w	
lu i			PERMIT No. 70 71	- 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7		- Car	100
S	SPE	CIAL CONDIT	IONS		- + + + + + + + + + + + + + + + + + + +	19	A
N	OTE -		S SHOULD USE SEPARATE SHEET IF NEEDED =				⊕

Date . 10-8-03

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3777
Location of property (road) (1) FSCOTT PLACE
Subdivision HAUSHOP MANOR Lot 13 Block Plat Sec.
Well Driller G. EDGAR HALR SONS COLP OWNER LAND DESIGN + NEWDIOPMENT
Depth of well 300 Ft Distance of measuring point (M.P.) above ground
Static water level (S.W.L.) below M.P. 22'
I. High rate pumping reservoir drawdown
Time pump started 1200 Pumping rate 166 Total time 15 Mm to reach pumping water level 28 ft. below M.P.

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

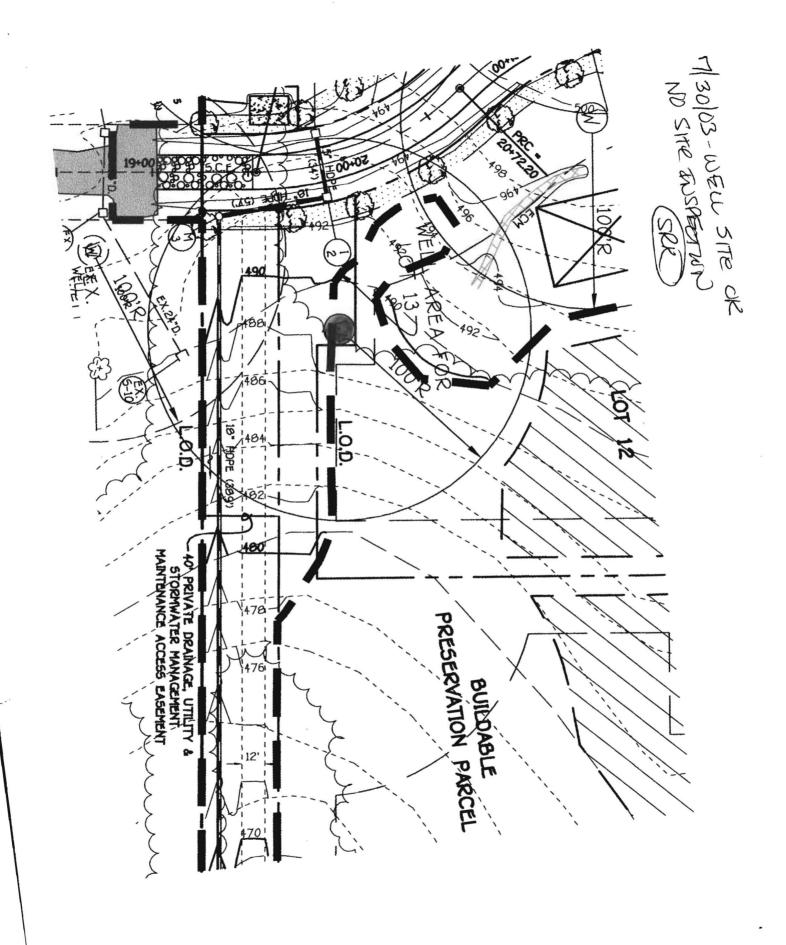
TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1200	225+	18		16.66
1215	96	28		10.71
1230	157	31		8.10
1245	203	46		6.52
1300	241	57		5.26
1315	295	64		1 -53
1330	259	49		4.34
1345	260	70		4.28
1400	260	70		4.28
1415	260	70		4.28
1430	260	70		4.28
1445	260	70	基础	428
1500	260	70		4 28
1515	260	70		4 28
`) <i>53</i> 0	260	70		4 78
1545	260	70	FAR 3	4.28
建 有效 4000000000000000000000000000000000000				
有 以 是 人名法				
建产业市 是一点				
发展 上数 2016年3		· · · · · · · · · · · · · · · · · · ·		
			1 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
			CONTRACTOR OF THE PROPERTY OF	

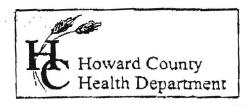
Page of Date		Review					
		FIELD DATA	SH EET				
	HOWARD COUNTY WELL YIELD TEST						
Well Permit No. Location of pro Subdivision H Well Driller (-	HO - 94-35 Operty (road) L ALL SHOP MANO SEDGAR HAL	177 JESCUTT PLACE LOT R SONS COLP OWNE	13 Block Plat, er LAND DESIGN +	Sec.			
Depth of Distance	f well e of measuring po	pint (M.P.) above gr	round				
	pumping reser		Pumping rate				
Total tir	meto	reach pumping water	Pumping rate ft. I	below M.P.			
II. Recovery	pump test data -	observations to be	recorded every 15 minus	tes			
TIME (in 15 minute in- tervals	below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)			
*	/						

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.

			Department. All installation locally) and COMAR 16.04	
			ired prior to Use and Occup	
Сотралу Name	[1]	PLUNBING Telephone	#: 410 - 181 - 705	
	SyxF3Ville,	1D 21-18 V		
(Must circle on	Licensed Plumber	Licensed Well Driller ble for the field installation:	Licensed Well Pump Install	er
Name (Print):	CLUB WILL	-OUG MBY	Licenses 6992— entites must be under the se	recrision of a
			illor. Licenses may be subj	
		y be reported to the approp		
	y Owner. TOM		one #: 410-531-190	15
Subdivision:	1953 WESLO	AUOU Lot #	Well Tag # : HO 44	
Submerable Pu		Picless Adapter	Well Cap and Electric Con	duit
Make: URL	LLI	Make: HALVAILD	Two piece watertight cap:	
Model #:		Model#:	Screened, vented well cap:	
Pump Capacity	GPM GPM	Depth: 48" (36" min)	Cap secured to casing:	-
Y. Well Yield	iPM	NSF/WSC approved:	Conduit min 18" B.G.:	/-
	countered at time of pump		Conduit secured to well caps	
		ceptable method used- Mus	ired by NSPC 1990 Section 1	7,8,4
			able method inside of well c	acin <i>a</i>
Salesy Tope, a c	ista, artatived to brass it	pe adapter of other accept	able metado maios di wen c	
Piping to house Type: CRE PSI: 11 (160 Depth of supply	SCHNE	House Connection PVC sleeve to undisturbe Approximate length of sle Sleeve caulked and sealed	ove: 4	_
	r, drainfields, and sewag to installation.	at least ten feet from the se e reserve area. If this can	ptic tank, pump chamber, se not be accomplished, contact	
("Alrix	o Willows	May	11/2/04	
Signature of con	npany representative lespo	nsible for installation	date	•
	For Bealth Depart	ment Use Only - Not to be	completed by Installer	
Date Insp. Requi	Pitless adapter watertigh Two piece cap installed t Elec. conduit extends at Safety rope not seen out: Correct well tag anached	properly and casing 8" above	ed to cap properly	GC From origin WPI form
	Mater supply line sleeve Adequate grout observed	d adequately at house conno below pitless adapter	ction	(GC) from origin
HD-215		ved from house to	New Rev	1. 12/00 Jalos
	pumpline, GC			6/1/0
	•			





3525 H Ellicott Mills Drive, Ellicott City, MD 21043 (410) 313-2640 Fax (410) 313-2648 TDD (410) 313-2323 Toll Free 1-866-313-6300 website: www.hchealth.org

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

TO ALL INTERESTED PARTIES

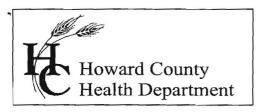
When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

The well site has been staked by Fisher, Callins + Carre (professional land surveyors or company employing professional land surveyors) on 7 29 03 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

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

Revised 6/10/03



3525 H Ellicott Mills Drive, Ellicott City, MD 21043 (410) 313-1771 Fax (410) 313-2648

TDD (410) 313-2323

Toll Free 1-866-313-6300

website: www.hchealth.org

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

June 29, 2005

Tom Patz 7421 Bucks Haven Lane Highland, MD 21777

SENT VIA FACSIMILE 443-285-8229 0466

RE: Hall Shop Manor, Pres. Parcel A 6953 Westcott Place Clarksville, MD 21029 BP #: B00148328 Well Permit # HO-94-3777

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. Final approval of the septic system was granted on 06/07/2005. Final approval of the well line connection to the dwelling was approved on 04/21/2005.

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. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

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-94-3777. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.

Date of Water Sample(s):

06/10/2005 & 06/21/2005

Date of Well Completion:

10/20/2003

Stuart Oster, R. S. Well & Septic Program

proxing Author

cc:

Building Inspector's Office Community Health Services

File



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 #.

55170

Account #.

Reference:

Michelle Patz

6669

Company CASH ACCOUNT

Location:

6953 Westcott Place

Remested Rv.

Source

Michelle Patz

Clarksville, MD 21029

Well Water

Date/ Time Collected: 06/10/05

Site.

Date/Time Rec'd:

06/10/05

1505 Treatment. Holding Tank

Chlorine nnm:

Total: ND

Spin Down Seperator**

Free: ND

nH·

7.2.

Collected Rv.

J Yeager

6176.IY Well #.

HO-94-3777

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD
Bacteria Coliform Total MPN	5.3	MPN/ 100 ml	<1.0	SM18 9223 B.
Bacteria E coli MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.
Nitrate	2.02	mg∕I.	10	601
Turbidity	0.72	NTU	<10	SM18 2130B
Sand	NS	mg∕I.	5	Visual/Gravimetric

NOTES:

- 1 **Sample collected prior to treatment
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 4 NS = None Seen (NS indicates less than 5 mg/L)
- 5 NTU = Nephelometric Turbidity Units
- 6 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 7 ND:None Detected
- 8 Visual well check: Sealed, vented cap
- pH tested on-site

Reason for Test:

Use & Occupancy

Building Permit # :

00148328

Date Reported:

06/13/05

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

Account #:

Company:

CASH ACCOUNT

Michelle Patz

Holding Tank

Well Water

6669

REPORT OF ANALYSIS

Laboratory ID #:

55289

Michelle Patz

Reference: Location:

Chlorine ppm:

Collected By:

PARAMETERS

Bacteria, E. coli, MPN

6953 Westcott Place

Clarksville, MD 21029

Date/ Time Collected: 6/21/2005 Date/Time Rec'd:

Bacteria, Coliform, Total, MPN

6/21/2005

Free: ND

C. Mooshian

1248 1535

<1.0

<1.0

Total: ND 7268CM

Source: Site:

Requested By:

Treatment: Spin Down Seperator**

nH: 5.8 Well#: HO-94-3777

RESULTS UNITS REFERENCE **METHOD** MPN/ 100 ml <1.0 SM18 9223 B. MPN/ 100 ml <1.0 SM18 9223 B.

NOTES

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 ND:None Detected
- Visual well check: Sealed, vented cap
- pH tested on-site

Reason for Test:

Use & Occupancy retest 55170

Building Permit #:

00148328

Date Reported:

6/22/2005