C 1 0176 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND	45 DAYS AFTER WELL IS COMPLETED.			
1 2 3 6	WELL COMPLETION REPORT	COUNTY (13) AFTTONI			
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	NUMBER A511909			
ST/CO USE ONLY DATE WELL COMPL	ETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"			
DATE Received MM DD YY	6 22 180 26 N	HO - 95 - 0207			
	CO NEADEST FOOT) 28 29 30 31 32 33 34 35 36 37				
OWNER Selfridge Buil	der 5 first name				
STREET OR RED lest name Rox bury	Meadow Dt. TOWN_	Glenely LOT 24			
SUBDIVISION (12 KS Meado	100 00				
WELL LOG	GROUTING RECORD	C 3			
Not required for driven wells	(Circle Appropriate Box)	PUMPING TEST			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOH, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one) CEMENT CIM BENTONITE CLAY B C	HOURS PUMPED (nearest hour)			
DESCRIPTION (Use additional sheets if needed) FROM TO bearing		DUMPING PATE (acl per min)			
action of the second	NO. OF BAGS 46 21 NO. OF POUNDS 25/860 GALLONS OF WATER	PUMPING RATE (gal. per min.)			
Top Soil 0 2	DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE			
107	() # to 30+ #	WATER LEVEL (distance from land surface)			
SANdy 2 60 V	48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)	17			
	casing CASING RECORD	BEFORE PUMPING 17 20 ft.			
Janua -	types ST CO	WHEN PUMPINGft.			
MICKA 65 80	(appropriate) STEEL CONCRETE	22 25			
SANd Store 80 85	code below PLASTIC OTHER	TYPE OF PUMP USED (for test)			
Jana store	MAIN Nominal diameter Total depth	A air P piston T turbine			
MICKA 85 180	CASING top (main) casing of main casing	C centrifugal R rotary O (describe			
	TYPE (nearest inch)! (nearest loot)	27 below)			
	60 61 63 64 66 70	J jet Submersible			
	E OTHER CASING (if used)	27 27			
	A diameter depth (feet) C inch from to	PUMP INSTALLED			
	C	DRILLER INSTALLED PUMP YES NO			
	S	(CIRCLE) (YES or NO)			
	G — C	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.			
	screen type SCREEN RECORD	TYPE OF PUMP INSTALLED			
	or open hole ST BR HO OPEN	PLACE (A,C,J,P,R,S,T,O) IN BOX 29.			
	insert appropriate STEEL BRASS OPEN HOLE	CAPACITY: GALLONS PER MINUTE			
	code below PL OT	(to nearest gallon) 31 35			
	PLASTIC OTHER	PUMP HORSE POWER			
	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH			
NUMBER OF UNSUCCESSFUL WELLS:	1240 68 180	(nearest ft.)			
WELL HYDROFRACTURED yes	E 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)			
WELL HYDROFRACTURED Y	A C 2	+ above LAND SURFACE			
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED	H 23 24 26 30 32 36	(nearest)			
WHEN THIS WELL WAS COMPLETED	C 3	below) foot)			
P TEST WELL CONVERTED TO PRODUCTION	E	A LOCATION OF WELL ON LOT			
WELL I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN	E SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS			
ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE	DIAMETER (NEAREST OF SCREEN INCH)	BUILDING, SEPTIC TANKS, AND /OF LANDMARKS AND INDICATE NOT LE			
CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY	56 60 from to	THAN TWO DISTANCES (MEASUREMENTS TO WELL)			
KNOWLEDGE.	1	1 tole			
DRILLERS LIC. NO. 1 M D	GRAVEL PACK IF WELL DRILLED	paul 1 you			
DRILLERS SIGNATURE	WAS FLOWING WELL INSERT F IN BOX 68 68	C November			
(MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	1 Shell			
LIC. NO. 1 D 1	T (E.R.O.S.) W Q	D			
Olive	CASING 72 CU	The City			
SVISOR (sign. of drill ar or journeyman work if differen trom permittee)	CASINO COO TE 76				
TORK II GIITEREN					

B 7 0902 SEQUENCE NO. (MDE USE ONLY)		MARYLAND	STATE PERMIT	NUMBER
1 2 3 6	APPLICATION FOR PERMIT TO DRILL WELL please type		40 - 45-	$\frac{-0207}{79}$
	523626 Pieas		LOCATION OF WELL	completely
Date Received (APA) OWNER INFO	RMATION	B 3 Howa	LOCATION OF WELL	
8 MM DD YY 13	W/TITON	8 COUNTY	(00) 21	
SelfRinge Duilder	S First Name 34	23 SUBDIVISION	Meagow	42
14045 Garded	DRIVE :	15/1	1071 241	
36 Street or RFD	55	SECTION 44 46	48 50	
Glenwood MO	21738	Genelo		
57 Town 70 State DRILLER INFORMATION	72 Zip 76	52 NEAREST TOWN	+	71
Balah Emarina	10 D 117	MILES FROM TOWN (ente	r 0 if in town) 73 76	M [] 6 77 78
Driller's Name 7	6 License No. 81	B 4	1	
Ralph E. Mayne Tuc		1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	11 NEAR WHAT	400W 1)1, BOAD 30
17024 Hardy Rd. MT. AIRS	1.MP. 21771		ON WHICH SIDE OF R	OAD NORTH
Address	11-7-05	8 N _E 8-9	(CIRCLE APPROPRIAT	E BOX) WEE
Signature 7. Muyana	Date	W TOWN E	34 30	WEST SEAST
B 2 WELL INFORMATION APPROX. PUMPING RATE	5	8	DISTANCE FRO	OM ROAD R FT OR MI 38 39
(GAL. PER MIN.)	8 12	S 8-9 S 8-9	TAX MAP: 21 BLK: 1	7 PARCEL 227
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14	20	8		
USE FOR WATER (CIRCLE AF		HEALTH) BE FILLED IN BY DRII H DEPARTMENT APPRO	DVAL
DOMESTIC POTABLE SUPPLY & RESIDER	NIIAL	HOWARD	(13) AS	17904
F FARMING (LIVESTOCK WATERING & AGE	RICULTURAL	COUNTY NAME STATE		COUNTY NO.
22 INDUSTRIAL, COMMERICIAL, DEWATERII	NG	SIGNATURE	INSE	ERT S ———————————————————————————————————
P PUBLIC WATER SUPPLY WELL		DATE ISSUED	Salved A. Cureller	~ 1/B/07
T TEST, OBSERVATION, MONITORING		43 MM DØ YY 48	CO SIGNATURE U EAST	EXP. DATE
G GEO-THERMAL		NORTH GRID 0	0 0 GRID	0 0 <u>0</u> 63
		SHOW MAJOR FEATURES	S OF	(8)
APPROXIMATE DEPTH OF WELL		BOX & LOCATE WELL '_ WITH AN X		
24	28 NEAREST	SOURCES OF DRILLING \	WATER	
APPROXIMATE DIAMETER OF WELL	U INCH	1. Well		
METHOD OF DRILLING	(circle one)	3.		
BORED (or Augered) JETTED AID POTENTIAL AID PERCUSSION	Jetted & DRIVEN			Htm
AIN-PERCUSSION	ROTARY (Hydraulic Rotary) DRive-POINT	WRITE THE BOX NUMBER FROM THE MAP HERE	3	KERM
other	DIIVE-I CIIVI	PROW THE WAT THEME	and on a	
REPLACEMENT OR DEEPL	ENED WELLS	E LIMINI	196 000	
(CIRCLE APPROPRIATE	E BOX)	. Atlack H	000	
THIS WELL WILL NOT REPLACE AN EXIST THIS WELL WILL REPLACE A WELL THAT		DRAW A SKETCH BELOW	SHOWING LOCATION OF WE	ELL IN
ABANDONED AND SEALED	THE DE	RELATION TO NEARBY T	OWNS AND ROADS AND GIVE	
S THIS WELL WILL REPLACE A WELL THAT AS A STANDBY-CONTACT LOCAL APPROV		Meanow MILL	O NEAREST ROAD JUNCTION	
FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEN AN EXISTING W	/E11		Rox Bury	
PERMIT NUMBER OF WELL TO BE REPLACED C			w nu	CAJOW
(IF AVAILABLE) 41	- 52	N A	and me	BRI
Not to be filled in by driller (MDE OR C	COUNTY USE ONLY)	ris da	The state of the s	201
APPROP. PERMIT NUMBER # 0 2 0	03G016(d)	The state of the s	24 /	301 Dueu
PERMIT No. HO	95 - 0207	W.	/	- 4
70 71 7 SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =	72 /3 /4 /5 /6 // 78 /9	1		⊕
The state of the s				

Page	1	of
Date	Fe5 6	2006

Review 3/13/04

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95 - 0207 Location of property (road) Subdivision Clarks Medicul Lot 24 Block Well Driller Roy May 18 Owner Selfrical Billogs
Depth of well 180 Distance of measuring point (M.P.) above ground 2 for Static water level (S.W.L.) below M.P. 15 for
I. High rate pumping reservoir drawdown
Time pump started 8:30 Pumping rate 10 6Pm Total time 15 min to reach pumping water level 42 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)	
8:30	17 A.	6 Sec		10 GPM	
			TEST STANTER		
8:45	42 Kg	6 Sec		10 6M	
9:00	42 M	6 Sec		10 Gpm	
9:15	42 /	6 Sec		10 GM	
5:30	42 11	6/11		20 11	
3:45	42 "	6 11		10 4	
10:00	42 11	6 11		10 11	
10:15	42 FN	6 Sec		10 6Pm	
10:30	42 1	6 Sec		10 6PM	
10:45	42 M	6 Sec		10 6PM	
11:00	42 11	6 11		10 4	
11:15	42 "	6 "		10 4	
11:30	42 Fr	6 Sec		10 RPM	
11:45	42 1	6 Sec		10 6PM	
19.00					
IID 22/					

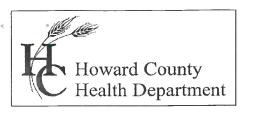


HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648

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 co Jal.

with the Nati Construction R	onal Standard Plumb egulations). <u>Submissi</u>	ing Code (NSPC, as amend on of a complete form is r	led locally) <u>and</u> COMAR ; equired prior to Use and C	OF DA DA CAMP AND AN
Company Name		P+H (set Telepho	one #: <u>410 - 489</u>	0.000
License # and na Name (Print): *A licensed indi- supervision of a subjected to fiel Name of Propert	me of individual responsable in the second r	the actual installation. A or master plumber, pump	Dicense# 3808 pprentices must be under to installer or well driller. phone #: 410-240-	the direct Licenses may be
Site Address:	14315 Rose	ung Mendom Dr	#: 24 Well Tag # : HO	95-0207
Torque arrestors	GPM GPM countered at time of pu exceeds well yield, a learned at time of pu exceeds well yield, a learned are rec	Pitless Adapter Make: Haward Model#: P-7-800 Depth: 12 (36" min) NSF approved: mp installation: (feet) ow water cut off switch is required – Must circle one e of well casing with eye bo	Conduit min 18" B.G.: Conduit secured to wel equired by NSPC 1990 Secti	cap:
Pining to house Type: Vlast PSI: (160) Depth of supply		House Connection PVC sleeved to undistr Approximate length of Sleeve caulked and sea	urbed soil at wall penetration sleeve:/5'	n:
The water suppl distribution box approval prior t	h see meeters are all world of Male	e at least ten fact from the	septic tank, pump chambe annot be accomplished, co	er, sewage piping, ntact this office fo
Signature of com	pany representative res	ponsible for installation	6-28-07	<u> </u>
			be completed by Installer	
Date Insp. Reque	sted:	Dota T	illagia	7(00)
Inspection Data:	Elec. conduit extends: Safety rope installed in Correct well tag attach	ter supply line at least 36" be d and attached to casing sec at least 18" below grade/atta aside of well casing and properly and essing 8" of	elow grade urely uched to cap properly	
	water andbia tine sies.	ved adequately at house con ed below pitless adapter	nection	Ź
				4



Bureau of Environmental Health Columbia, MD 21046 7178 Columbia Gateway Drive (410) 313-2640 Fax (410) 313-2648 TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

Peter Beilenson, M.D., M.P.H., Health Officer

November 29, 2007

Douglas Homes 5084 Dorsey Hall Drive Ellicott City, MD

> RE: Clarks Meadow, Lot 24 14315 Roxbury Meadow Drive Glenwood, MD 21738 BP # B07001178 Well Permit # HO-95-0207

Dear Sir/Madam:

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 11/20/2007. Final approval of the well line connection to the dwelling was approved on 11/29/2007.

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-95-0207. 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 Samples:

11/19/2007 02/06/2006

Date of Well Completion:

Approving Authority,

Brian Baker, R. S. Well & Septic Program

Building Inspector's Office Community Health Services

File

cc:

CERTIFICATE OF ANALYSIS



Trace Laboratories, Inc. Maryland

5 North Park Drive Hunt Valley, MD 21030 Telephone: 410/252-7742 Telephone: 410/584-9099 Fax: 410/584-9117 Email: tracelab@connext.net www.tracelabs.com

Maryland State Certified Water Quality Laboratory No. 318





Requester:

Douglas Homes

4105849117

5034 Dorsey Hall Drive Suite 102 Ellicott City, Maryland 21041

S/O Number: 66168

Report Date: November 20, 2007

Property Sampled:

14315 Roxbury Meadow, 21738

County:

Howard

24

Subdivision:

Clarks Meadow

Tax Map #: Parcel #:

21 271

Lot #: Building Permit #:

B07001178

Date/Time Collected: Date/Time Received:

November 19, 2007 at 12:10 pm November 19, 2007 at 1:35 pm

Sample Location:

Laundry Tub Tap

Sampler ID:

5745KC

Samples Iced:

Yes

Residual Cl₂ <0.1 mg/L:Yes

Well Tag Number:

Tag Buried

Well Condition: 2-Piece Cap

Cap Removable 4 Bolts Missing

Water Conditioning/Treatment:

None

PARAMETER	RESULT	METHOD	MCL/*SMCL	
Nitrate Turbidity pH Sand Total Coliform E.coli	5.8 mg/L as N <1.0 NTU 6.3 Units Negative Absent Absent	SM 4500D EPA 180.1 EPA 150.1 SM 9223B SM 9223B	10 mg/L as N 10 NTU *6.5-8.5 Units Negative Absent Absent	Pass Pass *** Pass Pass

Manager-Drinking Water Testing

MCL=Maximum Contamination Level

*SMCL=Secondary Maximum Contamination Level

***A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.

