C 1 1918 - (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	WELL IS COMPLETED. OV SRV 9 1499
	FILL IN THIS FORM COMPLETELY PLEASE TYPE	NUMBER # 39/19
ST/CO USE ONLY DATE Received MM DD YY  8 13  DATE WELL COMPL MM DD YY  15	Depth of Well  22 /80 26  (TO NEAREST FOOT)  26	PERMIT NO. FROM "PERMIT TO DRILL WELL"
OWNER last name	first name	I FRIDACL
STREET OR RFD	//rewTOWN_W	LOT //o
SUBDIVISION Hawkstreich	SECTION	
WELL LOG  Not required for driven wells	WELL HAS BEEN GROUTED Y N	C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR	(Circle Appropriate Box)  TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST
COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION (Use FEET check if water	CEMENT CM BENTONITE CLAY BC	HOURS PUMPED (nearest hour)
additional sheets if needed) FROM TO bearing	NO. OF BAGS NO. OF POUNDS 45 46	PUMPING RATE (gal. per min.)
Br.Schist 0 1	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE Submersible
Soft Br. Micu, Schist	from ft. to ft. to ft.	WATER LEVEL (distance from land surface)
& Clay 6 6	(enter 0 if from surface)	BEFORE PUMPING 18 ft.
Hardisoffbrillie 60 75	casing types insert appropriate STEEL CONCRETE	WHEN PUMPING 125 ft.
Hard blueSandstone 75 90	code below PL OT	TYPE OF PUMP USED (for test)
Hard Br. Sandstone	PLASTIC OTHER  MAIN Nominal diameter Total depth	A air P piston T turbine
mica 90 135 x	CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	centrifugal R rotary 0 other (describe below)
BrSand Stone 135 150 X	60 61 63 64 66 70	J jet S submersible
DI JUNU 2010101 100 100	E OTHER CASING (if used) A diameter depth (feet)	27 27
	C PL 4 inch from 6to	PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)
	PL 4 90 146	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
	screen type or open hole STBR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
	insert appropriate appropriate code BRASS OPEN HOLE	CAPACITY: GALLONS PER MINUTE (to nearest gallon)  31  35
	below PLASHE OTHER	PUMP HORSE POWER
NUMBER OF UNSUCCESSFUL WELLS:	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
yes no	E 1 PL 60 70	CASING HEIGHT (circle appropriate box and enter casing height)
T (N)	A C C C C C C C C C C C C C C C C C C C	above LAND SURFACE
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED  WILLIAM THE WELL WAS COME THE	23 24 26 30 32 36 S	(nearest)
E ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51	49 50 51
P TEST WELL CONVERTED TO PRODUCTION WELL	E	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES
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	DIAMETER (NEAREST INCH)	AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
KNOWLEDGE.	from to	0/ 2999 254
DRILLERS LIC. NO. 1 MND 296 1	GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL	2 Out Xue
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	INSERT F IN BOX 68 68  MDE USE ONLY	I Stady View Way
LIC. NO.1 MNDZ96	(NOT. TO BE FILLED IN BY DRILLER)  T (E.R.O.S.) W Q	A may
Ronced Ky ky USR)	70 72	3/
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG 74 75 76	8
	CASING INDICATOR OTHER DATA	- (*

OULD USE SEPARATE SHEET IF NEEDED =

Page | of 2 Date 08/16/99

# FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94 2348 Location of property (road) Shady User Subdivision Hawks field Well Driller RON Kyker	(w Way  Lot 16 Block Plat Plat Owner Dia) Data	Sec.
Depth of well /80 feet Distance of measuring point (M.P.) abo Static water level (S.W.L.) below M.P.	ove ground 2 feet	
I. High rate pumping reservoir drawdown		
Time pump started 12:55 pm  Total time 6/16 to reach pumping	Pumping rate 36PM water level 125 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 %   gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:55	18'	5 sec		12
1:10	139'	20 Sec.		3
1:25	138'	20 Sec.		3
1:40	137'	20 Sec.	1	3
1:55	136	20 Sec,		3
2:10	135'	20 Sec.		3
2:25	134'	20 Sec.		3 3
2:40	134'	20 Sec		3
2:55	133'	20 Sec.		3
3:10	133	20 Sec.		3
3:25	132'	20 Sec.		3
3:40	132'	20 Sec.		3
3:55	131	20 Sec.		3
4:10	131'	20 Sec.		3
4:25	130'	20 Sec.		
4:40	130'	20 Seci		3
4:55	129'	20 Sel		3
5:10	129'	20 Sec		3
5:25	128'	20 Sec.		3
5:40	138'	20 Sec.		3
5155	127'	20 Sec.		
6:10	127'	20 Sec.		3
6125	126	20 Sec		3
6:40	126	Zo SeCi		3

Page	2	of	2
Date	08	-16	-99

County	File	No.
Res	ri ww	

ON	SR	n	91	141	19	9
	011	_ ~	- 1	- 1		,

FIELD DATA SHEET

HYDROGEOLOGIC AREA (3) WELL YIELD TEST
Maryland Well Permit No. 110-94-2348 Election District
Location of Property (road) Shady View Way
Subdivision Low Stield Lot 110 Block Plat Sec.
Well Driller Row buker Owner Digi Data
Depth of Well 180 feet  Distance of Measuring Point (M.P.) above ground 2 feet  Static Water Level (S.W.L.) below M.P.
I. High Rate Pumping reservoir drawdown  Time pump started 17:55 PM Pumping rate 3 CPM  Total time 6 to reach pumping water level 125 ft. below M.P.
II Decovery numb test data - observations to be recorded every 15 minutes

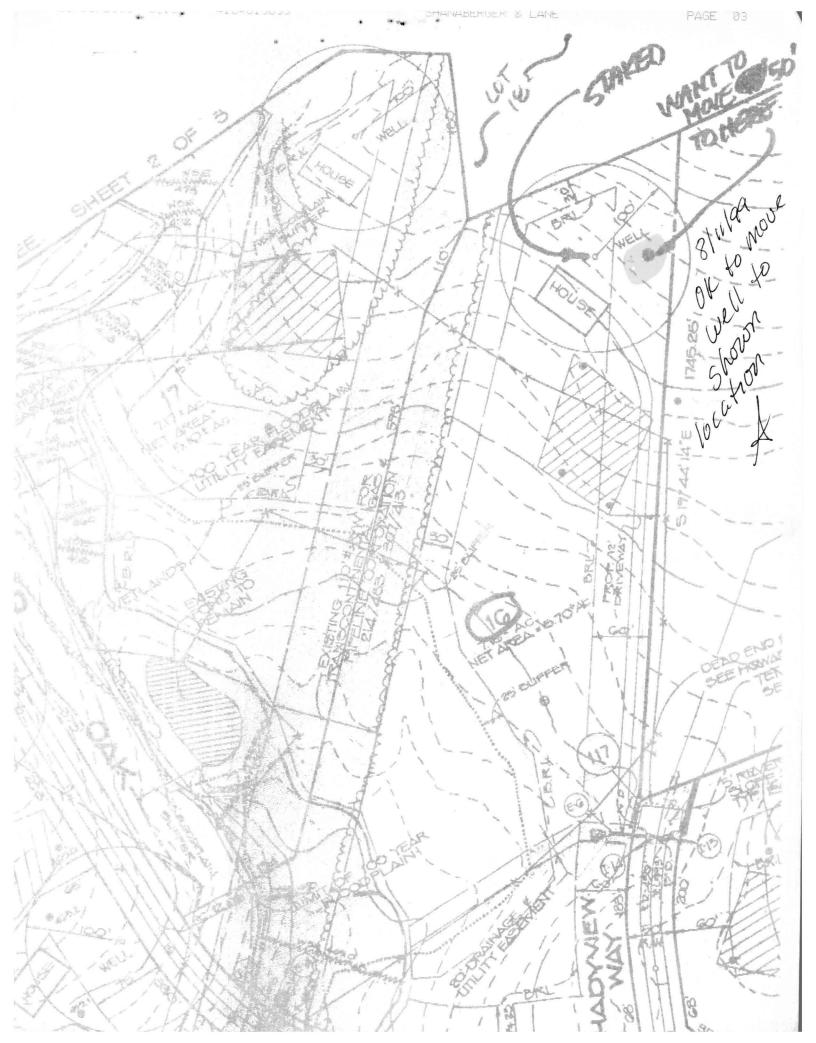
TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill gal. bucket	FLCW METER READING (if used)	CALCULATED FLOW (gallons per min.)
6:55	125'	20 Secr		3
7:10	125'	20 Sec.		3
¥				
		,		
			1	

#### 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 Phembing Code (NSPC, 25 amended Ocally) and Covers County (VIII)
Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.
the state of the s
Company Name: Ehrhardt Brothers Telephone # 40 947 5414
Address: 10624 High Beam Of
Collinga Ind 740-1
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Michael P Ehrhardt License# 20060
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
supervision of a measure journeyman or muster plumber, pemp instance of weathers.
subjected to field verification.  Name of Property Owner K # Similar Telephone #: 900 - 988 - 9437
Tribute of Tributes of Transaction
Subdivision: Haw Cot 1010 Lot#: 16 Well Tag #: HO - 44 - 234 2
Site Address: 3/01 Shedy view to Way
West Friendship
Submersible Pump Data , Pftless Adapter Well Cap and Electric Conduit
Make: Gold de Yetts P Make: Marinson Two piece watertight cap:
Model #: 5L 3 054/2 Model#: BIOX Screened, vented well cap:
Pump Capacity 10 GPM Depth: 46 (36" min) Cap secured to casing.
Well Yield: 3 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: (Geet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4 o / <
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: 1 Polyeth elyne PVC sleeved to undisturbed soil at wall penetration:
PSI: (60 (160 psi min) Approximate length of sleeve: 4 f
Depth of supply line: 48 (76" min) Sleeve caulked and sealed properly:
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.
- in the second of
Michael The hard
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
6/19/21 7/11/01 5RD
Date Insp. Requested: 6/29/01 Date Insp. Approved: 7/11/01 SRX
Inspection Data: Pitiess 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
Water supply line sleeved adequately at house connection Not Insp. on per plumber
Adequate grout observed below pitiess adapter

HD-215(Rev. 8/00)





Verwick Home (410) 988-9437

### HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

REQUEST FOR TEMPORARY DEVIATION TO TURBIDITY STANDARDS FOR CERTIFICATE OF POTABILITY

DATE: 8-3-01 WELL PERMIT #: HO - 94 - 2348
PROPERTY OWNER:  SUBDIVISION & LOT #: HAWKSTIELD ESTATES LOT 16  PROPERTY ADDRESS: 3101 SHADY VIEW  ELLICOTICITY MD 2/042
TESTIMONIAL: (Steps taken thus far by well owner or agent to eliminate excessive turbidity)
PLEDGE: (Steps to be taken by the well owner or agent to bring the well into compliance with COMAR 26.04.04.07 (J) within fifteen (15) days)  Pump WELL, RAISE WELL Pump
CONDITIONS:
1) Within fifteen (15) days, the well installed under permit # HO - 94 - 234 will be documented to have a turbidity level of less than 10 NTUs as a result of implementation of approved procedures. Approvable procedures include raising the well pump, additional well pumping, or further well development or other construction techniques performed by a licensed well driller. Filtration to remove dissolved iron, which frequently lowers turbidity levels, is also an approvable procedure. Filtration to remove sediment unrelated to iron is not an acceptable means of establishing turbidity compliance for wells being approved for service.

2) If the turbidity condition cannot be remediated to a level below 10 NTUs through approved

Potability will be delayed until the issue is concluded.

procedures, then drilling a replacement well would likely be necessary. Issuance of a Final Certificate



#### HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

I hereby request that a Fifteen-Day Temporary Deviation to COMAR 26.04.04.07 J2b be granted for the well installed under permit # HO - 99 - 2348 I am fully aware of the conditions under which this deviation will be granted and my responsibilities as the well owner which will include advising any future buyer/tenant of the installation, condition and maintenance responsibilities of an iron removal device if applicable.

Prospective Owner's Original Signature(s) [ Person(s) th	nat intend to live in the dwelling ]
x Juy. lus	~
Prospective Owner's Day Time Phone Number(s)	813101
A 34104606005	