c ₁ 0581	(MDE USE ON	SIAIF LIF MARYLANI	I AS DAVS AFTER WELL IS COMPLETED 1/20/- 1
1 2 3 6 (THIS NUMBER IS TO BE PU IN COLS. 3-6 ON ALL CARD		FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY
ST/CO USE ONLY DATE Received	DATE WELL O	DMPLETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
8 13	01 18	20 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
OWNER	Nichols	Malcolm and Nanc	y
STREET OR RFD	57/7 Tal	ofs Landing TO	101
SUBDIVISION	Ubots La	# 54:F4 SECTION	LOT 19A
WELL I Not required for		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)	DN C 3
STATE THE KIND OF FORMATI COLOR, DEPTH, THICKNESS		(Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST 1
	FEFT	BENTONITE CLAY	BIC HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed)	i i	NO. OF BAGS NO. OF POUNDS	PUMPING RATE (gal. per min.)
Top Soil	0 2	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot), from ft. to	METHOD USED TO MEASURE PUMPING RATE
Clay Seam	2 13	48 TOP 52 54 BOTTOM (enter 0 if from surface) Casing CASING RECORD	BEFORE PUMPING 4/0 ft.
SANdy.	13 45	types insert appropriate	WHEN PUMPING 180 ft.
SAND StoWE	45 50	below / (PL)	TYPE OF PUMP USED (for test) A air P piston T turbine
MICKA	50 90	CASING top (main) casing of main carry (nearest inch)! (nearest	
Synd Stowe	95 120	60 61 63 64 66 E OTHER CASING (if used) A diameter depth (fee	jet Sysubmersible
MICICA SAND Store	130	C PL inch /2 from	DRILLER INSTALLED PUMP YES NO
MICKA	130 180	g	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
		screen type or open hole insert STEEL BR	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. OPEN O
Appropriate and the second		appropriate code below BRONZE	CAPACITY: GALLONS PER MINUTE (to nearest gallon) OTHER (1) OTHER
NUMBER OF UNSUCCESSFI	UL WELLS:	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED	yes Y	E 1 PL 15 17	CASING HEIGHT (circle appropriate box and enter casing height)
CIRCLE APPROP	ED AND SEALED	C 2 23 24 26 30 32 S	LAND SURFACE (nearest)
E ELECTRIC LOG OBTAINE P TEST WELL CONVERTED WELL	D	C 3 R 38 39 41 45 47 E E SLOT SIZE 1 16 2 3	51 LOCATION OF WELL ON LOT
I HEREBY CERTIFY THAT THIS WEL ACCORDANCE WITH COMAR 26.04.0 IN CONFORMANCE WITH ALL CONI CAPTIONED PERMIT, AND THAT T HEREIN IS ACCURATE AND COM KNOWLEDGE.	04 "WELL CONSTRUCTIO DITIONS STATED IN THE THE INFORMATION PRES	ED IN "AND BOVE OF SCREEN (NEARES INCH)	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
DRILLERS LIC. NO. 1 N	SD) 19	GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68	3.00 Touste
(MUST MATCH SIGNATURE OF	N APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W	va her 135
SITE SUPERVISOR (sign. of responsible for sitework if diff		TELESCOPE	75 76 R DATA R OAC

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(4)

APPROP. PERMIT NUMBER

SPECIAL CONDITIONS

1	WATER WELL ABANDONMENT-SEALING REPO	ORT FORM			ou s	RU
SUBM	IT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)	******	*****	******	n/	5/0
* * *	WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM	To	Pol.	. //	0 h	Some
DATE	WELL ABANDONED: OCT 23 200 (month/day/year)	- 149	, Refu	med	- per	surveye
	G.	40	73	4	136	
*	PERMIT NUMBER OF ABANDONED WELL (if any)			1 /1		
*5,	PERMIT NUMBER OF REPLACEMENT WELL	40	94	33	304	
*		RILLERS LI	ICENSE NU	The contract of the contract o	11>	100 (210
*	OWNER'S NAME: MALCOLM & NAVCY WICHOLS WELL LOCATION: 5112 TALBOT LANDING Rd.			CIRCL	E: MWD/N	MSD/MC
*	WELL LOCATION: 5/1/ /ALGOT EARDOTHS INC.					
	COUNTY: HOWARD NEAREST TOWN: ELLICOTY CITY			(x)		
	TAX MAP BLOCK PARCEL SUBDIVISION: TAL BOTS CAST SCALET			•		der .
	SECTION: LOT:			1:00		
	MARYLAND GRID COORDINATES E 5/0			54.1		
	BOX NUMBER N_860	0 0		K TA		
•	TYPE OF WELL BEING ABANDONED: DRILLED JETTED	S	HOW WELI BY X WIT			
	BORED/AUGUERED HAND DUG OTHER (specify)		LOG OF	SEALING	G MATERIA	AL
*	USE CODE:				FEI	ET
	DOMESTIC MUNICIPAL/PUBLIC IRRIGATION INDUSTRIAL	A_{ij}^{2}	MATERI	AL	FROM	то
	TEST/OBSERVATION	1	2	+	130	0
*	TYPE OF CASING:		Emen			
	STEEL PLASTIC OTHER (specify)					
*	SIZE OF CASING: 6 1/4 INCHES IN DIAMETER				20	
*	DEPTH OF WELL: 130 FEET DEEP					Tin.
•	WAS ANY CASING REMOVED? YES NO if yes, length removed, in feet:				i di	
*	WAS CASING RIPPED OR PERFORATED? YES NO			No.		
	1/1/6 11/1		WD MSD	0	re323	2003

3 29 02

RD-215(Rev. 8/00)

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 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 approval. Company Name: Address: (Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation: Name (Print): License# *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. Telephone #: Name of Property Owner: TAL BOTS LAST SHIFT Lot #: Well Tag #: HO-94-3309
5/17 talbots landing Subdivision: Site Address: Well Cap and Electric Conduit
Two piece watertight cap: Submersible Pump Data Pitless Adapter Make: Make: Screened, vented well cap:

(36" min) Cap secured to casing: Model #: Model#: Pump Capacity ___ Depth:____ NSF approved:____ Well Yield: Conduit min 18" B.G.: Depth of well encountered at time of pump installation: (feet) 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 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 PVC sleeved to undisturbed soil at wall penetration: Type: _____ (160 psi min) PSI: Approximate length of sleeve: Depth of supply line: ___(36" 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. Signature of company representative responsible for installation For Health Department Use Only - Not to be completed by Installer Date Insp. Requested: Date Insp. Approved: 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 Water supply line sleeved adequately at house connection Adequate grout observed below pitless adapter

TAX & PARCEL:

OWNER:	Nichols	

ADDRESS: 5117 Talbots Landing
Lot 19A

31-16-732-19A

DATE REQUESTED:

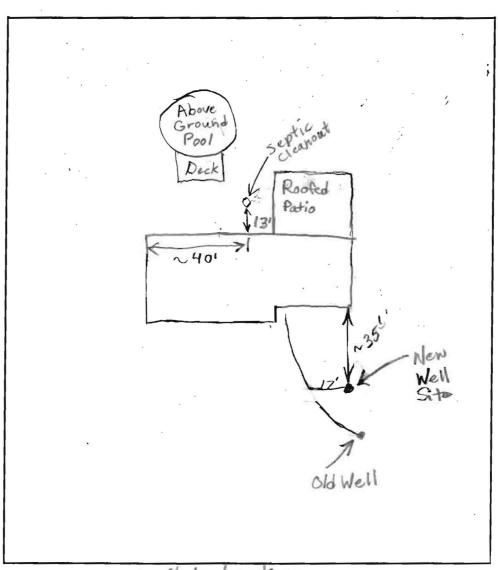
DRILLER/CONTRACTOR:

WELL TAG NUMBER: 110-94-33

COUNTY:

Replacement Well - Old Well to Be Sealer PROPOSAL:

LOCATION DIAGRAM



Talbots Landing

COMMENTS:		
		,
DATE:	INSPECTOR:	SONDATION OF STATES
		Brian Baker

CII 3129	(OEP USE ONL		WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
(THIS NUMBER IS TO BE PUNCI IN COLS 3-6 ON ALL CARDS)	MED ¬		FILL IN THIS FORM COMPLETELY FLEASE PRINT OR TYPE	NUMBER A26254
Date Received (OEP use only)			Depth of Well	PERMIT NO.
D.	ATE WELL COM	PLETED	Depth of Well	FROM "PERMIT TO DRILL WELL"
P+13	15	20	22 (TO NEAREST FOOT) 26	28 29 30 31 32 33 34 35 36 37
OWNER ! Nichol	5		Malcolm & Nancy	
STREET OR RFD	I	Iche	ster Road first name TOWN Ellic	cott city
SUBDIVISION WELL I	ots Last	547	SECTION	LOT
Not required for STATE THE KIND OF	r driven wells	S	WELL HAS BEEN GROUTED (Circle Appropriate Box)	2 3 (seq no) 6
PENETRATED, THEI THICKNESS AND IF	IR COLOR, DEP	TH,	TYPE OF GROUTING MATERIAL	PUMPING TEST 4
DESCRIPTION (Use additional sheets if needed)	FEET FROM TO	Check if water	CEMENT CM BENTONITE CLAY BC HC	OURS PUMPED (nearest hour) 1 8 9
	N. Carlot	bearing	NO. OF BAGS NO. OF POUNDS PU	JMPING RATE (gel. per min.
Jup So. L	0 2	3	DEPTH OF GROUT SEAL (to nearest foot)	nearest gal.) IETHOD USED TO
SANdy	2 40		48 TOP (enter O if from surface) BOTTOM 58	ATER LEVEL (distance from land surface)
- 100 -	40 60		casing CASING RECORD	EFORE PUMPING
SAND Stone	40 60			WHEN PUMPING
Micke	60 65	45	code below PL OT	YPE OF PUMP USED (for test)
		1	PLASTIC OTHER	A pir piston T turbine
SANCE SOME			MAIN Nominal diameter Total depth CASING top(main)casing of main casing	C centrifugal R rotary O other (describe
MickA	25 140		TYPE (nearest inch) (nearest foot) 2	27 27 below)
SANCE STONE - Micka	140 145		60 61 62 ; 64 66 70	J jet Submersible
M'V.	145 205	The same	A diameter of depth (feet) to	
MICKA	16		t P	PUMP INSTALLED YES NO
			I XV	DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
			MI	DRILLER INSTALLS PUMP, THIS SECTION UST BE COMPLETED FOR ALL WELLS
	4.	100	screen type SCRFFN RECORD EX	XCEPT HOME USE YPE OF PUMP (WRITE APPROPRIATE
10.11		alle	st BR HO L	ETTER IN BOX - SEE ABOVE:
	alla		code BRONZE HOLE C.	APACITY:
	10	3/03/		ALLONS PER MINUTE n nearest gallon)
	Wall was			UMP HORSE POWER 57 UMP COLUMN LENGTH(nearest ft) 41
			DEPTH (nearest ft.)	47
			C 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)
			H SC 2	above LAND SURFACE
OLDOL 5 ADDS	DRDIATE SON		S 2 2 3 24 26 30 32 36	below (nearest foot)
A WELL WAS ABANI		ALED	N 3	LOCATION OF WELL ON LOT
WHEN THIS WELL W		D	3A 39 41 45 47 51 SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR
E ELECTRIC LOG OBT		LICTION		LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES
TEST WELL CONVER			OF SCREEN INCH)	(MEASUREMENTS TO WELL)
I HEREBY CERTIFY THAT THIS WE IN ACCORDANCE WITH COMAR TION" AND IN CONFORMANCE WIN THE ABOVE CAPTIONED PERM TION PRESENTED HEREIN IS ACTHE BEST OF MY KNOWLEDGE.	R 10.17.13 "WELL CONSITH ALL CONDITION	ONSTRUC- S STATED	GRAVEL PACK	
THE ABOVE CAPTIONED PERM TION PRESENTED HEREIN IS AC THE BEST OF MY KNOWLEDGE.	CCURATE AND COM	PLETE TO	IF WELL DRILLED WAS	
DRILLERS IDENT. NO.	273	1	FLOWING WELL CIRCLE BOX OEP USE ONLY	1
	y v		(NOT TO BE FILLED IN BY DRILLER)	well of 100
DRILLERS SIGNATURE (MUST MATCH SIGNATURE	ON APPLICATION	N	T (E.R.O.S.) W Q	250'
SITE SUPERVISOR (sign.of	driller or journeys	nan	70 72	
responsible for sitework if di	ifferent from perm	nittee)	TELESCOPE LOG OTHER DATA CASING INDICATOR	Rond

EMERGENCY NO. (If any) -

	-		
Page		_ of _	
Date	.4	115/80	2

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4136 Location of property (road) I(ch	rester Korl
Subdivision Talbots Last Shift	Lot [9A Block - Plat - Sec-
Well Driller Ralph Mayne	Lot 194 Block — Plat — Seconowner Malcolm & Naucy Wichels
Depth of well 205 Distance of measuring point (M.P.) about Static water level (S.W.L.) below M.P.	ve ground <u>2</u>
I. High rate pumping reservoir drawdown Time pump started 9'30 Total time 1HR. 45m. v to reach pumping	Pumping rate 96PM water level 18 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)	(gallons per minute)
9:30	32	34		9 68M
9:45	32	34		960m
10:00	66	34		96PM
10:15	>0	34		9 GPM
10:30	73/2	34		96PM
10:45 11; 00 11; 15 11; 30 11; 45	25	34		PAPM
11;00	76	34		9GPM
11:15	78	40		7.6PM
11:30	78	40		76PM
11:45	78	40		>68 m
12:00	78	40		768m
12:15	28	40		768m1
12:30	78	40		7GPM
	V			
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	A			

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aria ara	471576	95	herian	

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

	11 072
Well Permit No. HO - 73 4136	Sample H 9029
Location of property (road)	
Subdivision TALBOT SELAST SHIFT	Lot 9 Block A Plat Sec.
Well Driller BALPH MAYNE	Owner MALCOLM & NANCY NICHOLS
Depth of well Distance of measuring point (M.P.) ab Static water level (S.W.L.) below M.P I. High rate pumping reservoir drawdown Time pump started 730 AM Total time 60m to reach pumping	BOTTLE # H 9029 Takenat

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)
1030	7 3.5	34		9 GPM
1045	75	34		9 GMPM
1100	46	34		9 apm
1145	78	40		7GPM
10.00				
			,	
				T.
				A.
La sal				
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8				
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FINISHED GROUTING WELL TO DAY, 4FT OPEN HOLE FILLED TO GRADE WITH ONE BAG CEMENT

