C 1 . 0596 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND - WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.		
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY 13 A516427		
ST/CO USE ONLY DATE WELL COMPL	KARAMETRI BERKER BE	PERMIT NO. FROM "PERMIT TO DRILL WELL"		
MM DD YY 8 13 15	22 /6 26 O/	#0 · 94 · 3334 28 29 30 31 32 33 34 35 36 37		
OWNER_ Crosen	Donald			
STREET OR RFD last name Shady		denwood		
SUBDIVISION Sharp Farm		LOT _/O		
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST		
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 17 NO. OF POUNDS 45 46 98	PUMPING RATE (gal. per min.)		
Sand 0 56	GALLONS OF WATER	METHOD USED TO MEASURE PUMPING RATE Bucket		
Sand 0 56 Gray Mica Rock 56160 v	from 48 TOP 52 ft. to 50 BOTTOM 58 ft.	WATER LEVEL (distance from land surface)		
F. Min 56160 v	(enter 0 if from surface)	BEFORE PUMPING 30 ft.		
Pork	types	17 20 11		
	appropriate STEEL CONCRETE	WHEN PUMPING 35 ft.		
	below PLASTIC OTHER	TYPE OF PUMP USED (for test)		
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	A air P piston T turbine		
	TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe below)		
	5 7 60 61 63 64 66 70	J jet S submersible		
	OTHER CASING (if used) A diameter depth (feet) H inch from to	27 27		
	H inch from to	PUMP INSTALLED		
	A S	DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)		
	N G	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) 29 IN BOX 29.		
	appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE		
	below PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER		
	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH		
NUMBER OF UNSUCCESSFUL WELLS:	1 2 10	(nearest ft.) 43 47		
WELL HYDROFRACTURED YES N	A 6 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)		
CIRCLE APPROPRIATE LETTER	C 2 23 24 26 30 32 36	above LAND SURFACE		
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	S C 3	below (nearest) foot)		
P TEST WELL CONVERTED TO PRODUCTION	R 38 39 41 45 47 51 E E SLOT SIZE 1 2 3	49 50° 51 A LOCATION OF WELL ON LOT		
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND	N DIAMETER (NEAREST	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR		
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	OF SCREEN INCH)	LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES		
KNOWLEDGE.	from to	(MEASUREMENTS TO WELL)		
DRILLERS LIC. NO. 1 MS DO24 1	GRAVEL PACK IF WELL DRILLED			
DRILLERS SIGNATURE (MUST MATCH/SIGNATURE ON APPLICATION)	WAS FLOWING WELL INSERT F IN BOX 68 68	Lee attached will location		
LIC. NO. 1 M _ D 1	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	111.10 /20 . T.		
210. No.1 W _ D 1	T (E.R.O.S.) W Q	win novation		
SITE SUPERVISOR (sign. of driller or journeyman	70 72 74 75 76			
responsible for sitework if different from permittee)	TELESCOPE LOG CASING INDICATOR OTHER DATA			

D 1 02706 SEQUENCE NO.	STATE OF	MARYLAND		STATE PERMIT NUM	MBER
B 1 U 3, 7 9 0 (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL		Hn - 94 - 3224		
1 2 3 6	W516485please pr		70 79		79
	W 3767 & Spicase pi			fill in this form com	pletely
Date Received (APA)		B 3	LOCATION	N OF WELL	
8 MM DD YY 13	MATION G	8 COUNTY		21	
Chara	landal 1 T	1177	0.0	Fa. 1	
15 Last Name Owner	First Name 34	23 SUBDIVISION	wy	arm	42
3820 11.1			1	p .	
36 AA Street or RFD	/ 55	SECTION 44 46	LOT L	50	
Allowwood Md.	21738	HO	1		
57 Town 70 State	72 Zip 76	52 NEAREST TOWN	·		71
DRILLER INFORMATION			pl.	2 "	11
10.2 - 4 4. Marin	15DZY	MILES FROM TOWN (ent	er u if in town)	73 76 77	78
Drifler's Name 76	The second secon	B 4			
Descala L. Mayers May	11 Krilling	1 2 DIRECTION OF WELL FROM	lha	des Lane	
Firm Name		TOWN (CIRCLE BOX)	11	NEAR WHAT ROAL	D 30
55/2 Ridge Radout a	iny ma. 21771	N	ON WH	ICH SIDE OF ROAD	NORTH)
Address	0/	NW 8 NE		E APPROPRIATE BO	
Joseph L. Mayra	1/21/2002	8-9			WEST S EAST
Signature (B)	Date	W (TOWN) E		34 300	37 SOUTH
B 2 WELL INFORMATION	5	8		DISTANCE FROM P	IOAD FT
1 2 APPROX. PUMPING RATE (GAL. PER MIN.)	12	Sw SE		ENTER FT	OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED	500	8-9 S 8-9	TAX MAP:	BLK:	PARCEL 178
(GAL. PER DAY) 14	20	8	0.05.501.5		
USE FOR WATER (CIRCLE AP	PROPRIATE BOX)			ED IN BY DRILLER MENT APPROVAL	
DOMESTIC POTABLE SUPPLY & RESIDEN	ITIAL	11	G	2 1-1/1	
IRRIGATION		Howard	1	3) A5167	27
FARMING (LIVESTOCK WATERING & AGRI	CULTURAL	COUNTY NAME STATE		COU	JNTY NO.
22 INDUSTRIAL, COMMERICIAL, DEWATERIN	IG.	SIGNATURE		INSERT S	3 ——
		DATE ISSUED R	, for	1. 2/12	12003
P PUBLIC WATER SUPPLY WELL		43 MM DD YY 48	CO SIG	NATURE 2/13	EXP. DATE
T TEST, OBSERVATION, MONITORING	Acres and the second	NORTH 522	EA	AST 705	
G GEO-THERMAL		GRID 50	0 0 GF 55	FID 173	0 0 0
		SHOW MAJOR FEATURE	S OF	2/19/12	
APPROVIMATE DEPTH OF MELL 1 306	O J FEET	BOX & LOCATE WELL .	.3 OF		Grout
APPROXIMATE DEPTH OF WELL 24	28	WITH AN X			10:30am
APPROXIMATE DIAMETER OF WELL 6	NEAREST	SOURCES OF DRILLING		171.	
ATTIONIMATE BIAMETER OF WEEL	INCH	2.		17 bags	
METHOD OF DRILLING	(circle one)	3.		Coo casing	
BORED (or Augered) JETTED	Jetted & DRIVEN			Depth of Annula	ar-co'
AIR-ROTary AIR-PERcussion	ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMBE	:R	Space	- 30
37 CABLE REVerse-ROTary	DRive-POINT	FROM THE MAP HERE			
other		7015			X
REPLACEMENT OR DEEPE	NED WELLS	E /945	1	000	
(CIRCLE APPROPRIATE		< 7 b	2 -	000 000	
THIS WELL WILL NOT REPLACE AN EXISTI	NG WELL	N			
THIS WELL WILL REPLACE A WELL THAT V	VILL BE	DRAW A SKETCH BELOV			1
ABANDONED AND SEALED		DISTANCE FROM WELL			
39 S THIS WELL WILL REPLACE A WELL THAT V		Elenwood		HOAD GONOTION	
FOR POLICY ON STANDBY WELLS	2002 11 23 PH	S: 18		39 /	
THIS WELL WILL DEEPEN AN EXISTING WE			6/0		A
PERMIT NUMBER OF WELL TO BE REPLACED OF (IF AVAILABLE) 41		N	2/ /		
	52		t B	18	
Not to be filled in by driller (MDE OR CO	DUNTY USE ONLY)	M 23: 191 2: 19	* 1	18	
APPROD DEDINIT NUMBER	GAP	3 10	11		
APPROP. PERMIT NUMBER 54	63	A PATACHEAUTH	13	18	
PERMIT No. HO -	94-3334	RECEIVED THE DEPT.	1,	13	
70 71 72	2 73 74 75 76 77 78 79	HEIMED		100	The state of the s
SPECIAL CONDITIONS					€

DENV-Permit 97

2 COUNTY

Review	

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3334		
Location of property (road) Shad		
Subdivision Sharp Farms	Lot 10 Block	
Well Driller Joe Mayne	owner Don Cre	oseh
Depth of well Distance of measuring point (M.P., Static water level (S.W.L.) below		
I. High rate pumping reservoir draws	down	
Time pump started 10:35 Total time 5 men to reach pump	Pumping rate _ ping water level33	

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)
10:50	33'	4 sec.	NA	15 apm.
11:05	33	4		15 gpm.
11:20	-33	4		15
11:35	34	4		15
11:50	33	4		15
12:05	33	4		15
12:20	33	4		15
12:35	33	4		15
12:50	33	4		15
1:05	33	4		15
1:20	33	4		15
1:35	33	4		15
		53	11:50	
				917

Page of Date 2 19	02 11:30a	m Yield Test 31	ar gield Review _	
		FIELD DATA S HOWARD COUNTY WELL		
Location of pro Subdivision 5 Well Driller	well 100' of measuring po	Shady Lane Lot Owner oint (M.P.) above gr L.) below M.P.	JO Block Plater Don Crosen ound 212	Sec
Time pump Total tim		reach pumping water	Pumping rate 15gpm level 33 Ft.	
TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used) NA	CALCULATED FLOW (gallons per minute)
70.5				
1				
		Re-mark -		
1750				
				15
11:54		4 sec = 1 gal		1915
		Did myser (KE		
		2-19	2	
		halater class	. Nosamples taker	2-19-02 (KG)
		Come Carry	1 140 SAVY COLES TORRES	71100
			CONTRACTOR OF THE PARTY OF THE	

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 Pioins
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 ustil approved by the Health Department. All installations must comply with the National Standard Finmbing Code (NSFC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy suproval.
Address: (DILLOUGLOU PLUMB Telephone # 410-781-7051 Sept Swill MD 21784
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation: Name (Print): (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
subjected to field verification. Name of Property Owner UNV CROSTN Subdivision: Sharp GARS Lot #: UN - 442 - X212 - X21
Submersible Pump Data Make: JACL L. Make: Hill JAF Two piece watering cap: Model#: Screened, vented well cap: Model#: Screened, vented well cap: Model#: Cap secured to casing: Well Yield: JO GPM NSF approved: Conduit min 18" B.G.: Depth of well encountered at time of pump installation: IgO (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 choic one Safety rope, if used, attached to inside of well casing with eye boit
Pioing to hope House Connection Type: CALLY LIVE PVC sleeved to undisturbed soil at wall penctration: Approximate length of sleeve: Depth of supply line: (36" min) Sleeve called and scaled 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 date
Ear Easith Department Use Only – Not to be completed by Installer Date less. Requested: 5/22/01 Date less. Requested: 5/22/01 Date less. Requested: 5/22/02 Date less. Reproved: 5/22/02 Two piece cap installed and attached to casing securely Elec. condult extends at least 18" below grade/attached to cap properly Safety rope installed inside of well casing Correct well tag stached properly and casing 8" above finished grade Water supply line steeved adequately at house connection Adequate grown observed below pitless adapter
ND=215(Pay. #/00)

