NOTE:

NOTE:

NOTE:

PERMIT VOID AFTER THREE YEARS

8/14/84 App & F.S. 33573

ATE DEPARTMENT OF HEALTH'

HOWARD COUNTY

**BUREAU OF ENVIRONMENTAL HEALTH** 992-2330~

Donald E. Kramer

INDEX

ELLICOTT CIT

- I I I I I I I I I I I I I I I I I I I	3 FERIVITIED TO INSTALL _Z.	
ADDRESS Ten Oaks Rd. SUBDIVISION DONAL BIDGE FARM ROAD 4305	PHONE 53/-	3293
DO CARL RIDGE PARM 4305	Ten OaksAJ LOT	
SUBDIVISION ROAD ROAD ROAD	LOT	
PROPERTY OWNER Donald E Kramer		
ADDRESS 4305 Ten Ocks Nd.	Company of the Compan	
	RPTION AREA BY 22%.	<u>~</u>
GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSO  GARBAGE GRINDER?  YES NO  SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS		
SEPTIC TANK CAPACITY 1006 GALLONS NUMBER OF BEDROOMS	5	<i>"</i>
Trench system to contain 158 so, FT.		rption orea
per bedroom. Trench to be 211 wide,	9/2 ft. dorp.	and contain
Sfd. of gravel below inlet p.p. Treuch in		
4 /2 Ct. below original grade. Start the	4	•
rear (618:88ftling) lottine and 2601		
Sideline, as seen when facing the lot	from Ten Ba	KSRd,
Continue to dig the trenchonlevel gro.	-d vouning t	on a. Is the
PLANS APPROVED BY Frank Sterner		110/84
COVER NO WORK UNTIL INSPECTED AND APPROVED.		11-10 T
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR	THE SUCCESSFUL OPERATION OF	ANY SYSTEM.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

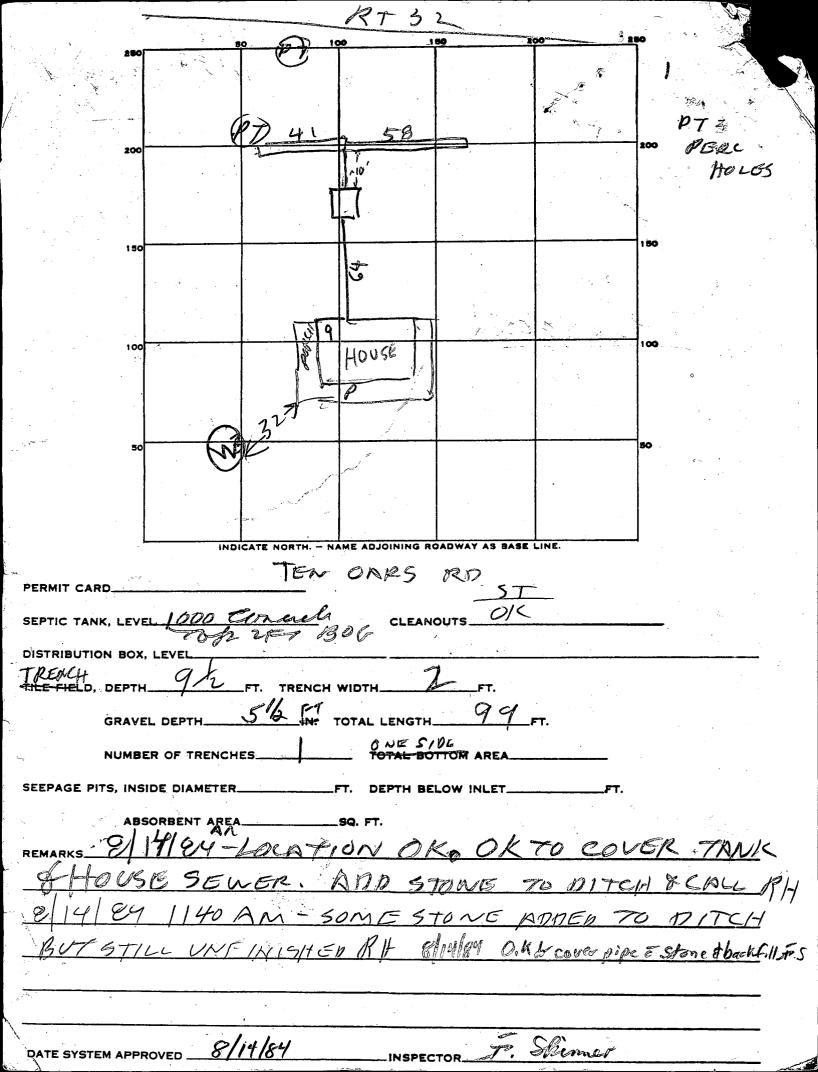
INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR

IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.



## APPLICATION

SEWAGE DISPOSAL TESTING

A 33573

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043 TELEPHONE: 992-2330

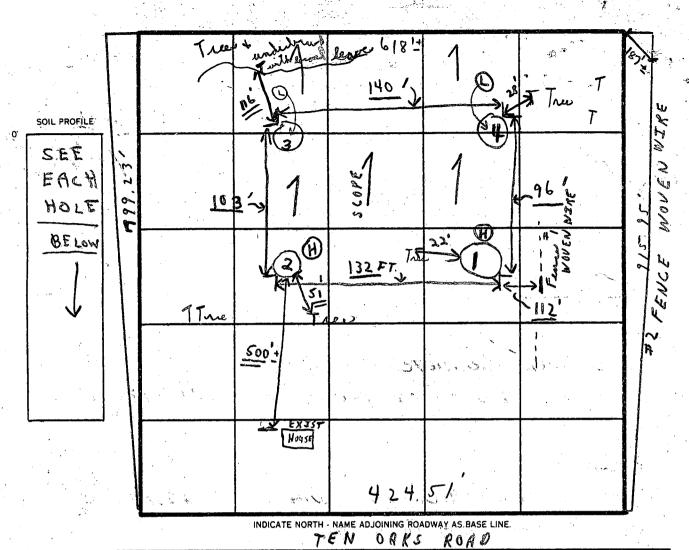
DATE 2/21/84

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I. HEREBY. APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER	DOWALD 1	KRAMER			<u> </u>
ADDRESS	4243 TE	N DAKS	Ro. PHON	E-725-1	<del>} \                                   </del>
PROPERTY LOCATION:					
SUBDIVISION	JULEW -		LOT NO.		
ROAD AND DESCRIPTION	TENUDAICS 10	D. 4000 F	SOUTH OF	TRIBELPHI	A RO.
	EAST SIDE				
	14 ACRE.		TYPE BLDG.		
•	· · · · · · · · · · · · · · · · · · ·			اد اد اد ا	
		<b>\</b>	JNTIL PUBLIC FACILITIES BEC	,	v
FEE CONNECTED WI	TH THE FILING OF THIS PERC	TEST APPLICATION IS NO	ON REFUNDABLE UNDER ANY	CIRCUMSTANCES. I ALS	O AGREE TO COMPLY
WITH ALL M.O.S.H.A	REQUIREMENTS IN TESTIN	G THIS LOT	wed SIGNATURES	Mary	
APPROVED BY		FOR		DATE	
	· · · · · · · · · · · · · · · · · · ·			VAIL	
DE JECTED DY			* *		:
REJECTED BY	•	FOR _		DATE	
REJECTED BY HOLD PENDING FURTHE REASONS FOR REJECTION	R TESTS	FOR		DATE	

# THIS IS NOT A PERMIT



TEST - 1" DROP SOIL PROFILE TEST NO. DEPTH DATE START STOP 1'-4'CLAY 4'- 13'
SANDYMICA 13 AM :E 1' - 4/20CLAY AYE LOAM 14' : SHE 1'- Y' CLAY MICALOAM HOLE LF:) [D RY IN BOTTOM JACLAY :20 MICALORM 5 7 13 SHELF

Whe either O or O FOR INITIAL SYSTEM.

EMARKS PERC TESTS - IN OPEN EXCEPT - 1 TREE SMALLE OFOR

SEWAGE DISPOSAL ERSEMENT RREA.

TYPE OF SOIL

C.B. STREAKER

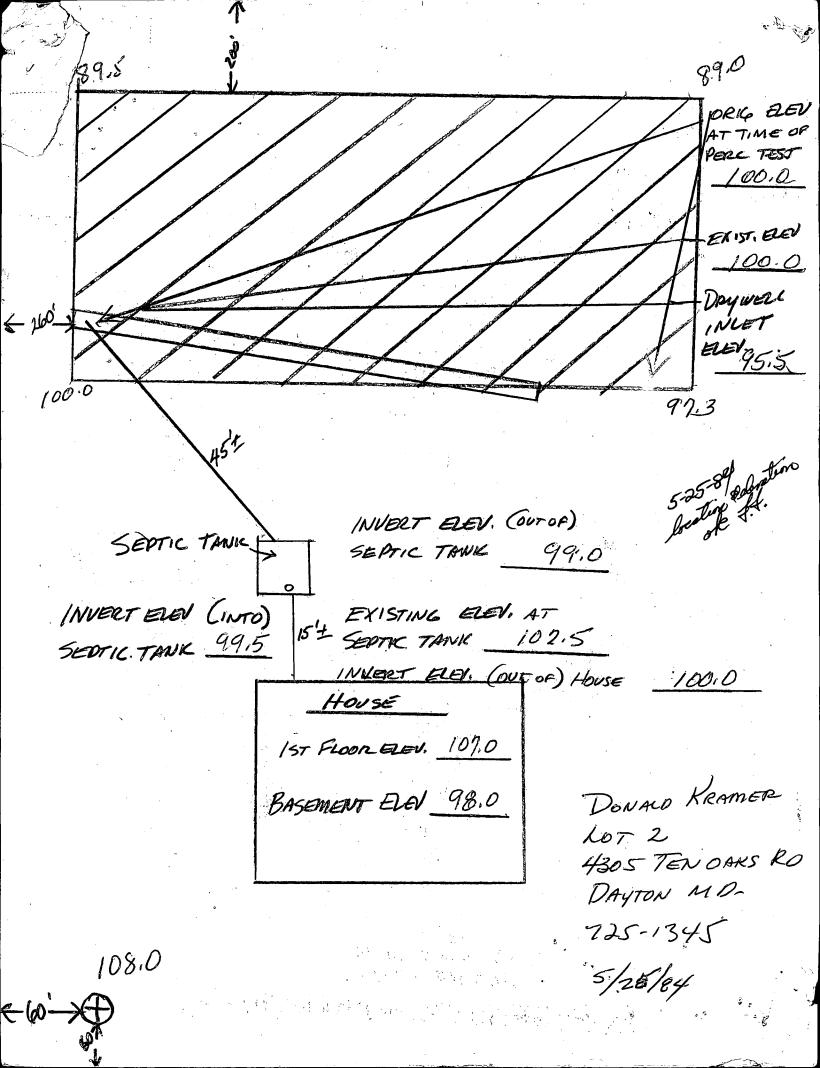
(UDON KRRMER \_\_ALSO PRESENT (2) KOBERT PRICE

EH-12-1079

\_|8|*|* 

FORCE F 5 INITIALS PERMIT NO. H O

SPECIAL CONDITIONS



SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
ER IS TO BE PUNCHED	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY	COUNTY
ON ALL CARDS)	PLEASE PRINT OR TYPE	NUMBER #335/3
DATE received DATE WELL COMPLETE	D Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
D3 2.784	22 3 2 8 26	
8 13 15 20	(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
OWNER : Kramer	Donald E.	
STREET OR RFD last name Ten Oa	KS Rd. first name TOWN	Dayton
SUBDIVISION DONAL E. Kramer	property SECTION	LOT
WELL LOG	GROUTING RECORD yes no	C 3
Not required for driven wells STATE THE KIND OF FORMATIONS	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2
PENETRATED, THEIR COLOR, DEPTH,	TYPE OF GROUTING MATERIAL 44	PUMPING TEST
THICKNESS AND IF WATER BEARING  DESCRIPTION (Use FEET Check	CEMENT CM BENTONITE CLAY BC	HOURS PUMPED (nearest hour)
additional sheets if needed) FROM TO bearing	NO. OF BAGS 32 NO. OF POUNDS 45008	PUMPING RATE (gal. per min. 4 6 15 15 15 15
Dirt 0 1	GALLONS OF WATER	METHOD USED TO
Soft Brown Mica	DEPTH OF GROUT SEAL (to nearest foot)	MEASURE PUMPING RATE Submersible
c Bod Olam	from 0   ft. to 8 3   ft.	WATER LEVEL (distance from land surface)
	(enter 0 if from surface)	BEFORE PUMPING 4 8 17 20
Soft Brown 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	casing CASING RECORD <sup>®</sup>	WHEN PUMPING 271
Mica 9 38 X	/ insert \	22 25
Brown Isinglass 38 43	(appropriate) STEEL CONCRETE	TYPE OF PUMP USED (for test)
Soft Brown Mica 43 78	code   PL   O T   below PLASTIC OTHER	$\left[\begin{array}{c} \mathbf{A} \\ 27 \end{array}\right]$ air $\left[\begin{array}{c} \mathbf{P} \\ 27 \end{array}\right]$ piston $\left[\begin{array}{c} \mathbf{T} \\ 27 \end{array}\right]$ turbine
Hard Blue &		Oother
Black Mica 78168	MAIN Nominal diameter ্ব Total depth CASING top (main) casing of main casing	C centrifugal R rotary (describe 27 below)
	TYPE (nearest inch) (nearest foot)	J jet S submersible
Opening	S	27 (3) Submersible
Hard Blue &	60 61 63 64 66 70	
Black Mica   170   328	E OTHER CASING (if used) A diameter depth (feet)	PUMP INSTALLED
	inch from to	
	š   _	ORILLER WILL INSTALL PUMP YES (NO )
	1 N	IF DRILLER INSTALLS PUMP, THIS SECTION
	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
	or open hole	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O)
	/ IIISEIL \ STEEL BRASS OPEN	IN BOX-SEE ABOVE:
, a.	appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE
	below PL OT	(to nearest gallon)  31 35
	PLASTIC OTHER	PUMP HORSE POWER 37 41
		PUMP COLUMN LENGTH
	DEPTH (nearest ft.)	(nearest ft.)  CASING HEIGHT (circle appropriate box
		(+ above ) and enter casing height)
		LAND SURFACE
	S <sup>2</sup> 23 24 26 30 32 36	below (nearest foot)
CIRCLE APPROPRIATE LETTER	Ĕ <sub>3</sub>	49 50 51
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	E 38 39 41 45 47 51	LOCATION OF WELL ON LOT
E ELECTRIC LOG OBTAINED	SLOT SIZE 123	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SERTIC TANKS, AND/OR
P TEST WELL CONVERTED TO PRODUCTION	DIAMETER (NEAREST	N LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES
WELL I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN	OF SCREEN 56 60 INCH)	(MEASUREMENTS TO WELL)
ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE	from to	~
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST	IF WELL DRILLED WAS	
OF MY KNOWLEDGE.	FLOWING WELL INSERT F IN BOX 68 68	J 500 % &
DRILLERS IDENT. NO.	OEP USE ONLY	
Ronald L. Kyker ,	(NOT TO BE FILLED IN BY DRILLER)	Con 1
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	T (E.R.O.S.) WQ	
FOR A BY	70 72	
SITE SUPERVISOR (sign-of driller or journéyman)	TELESCOPE LOG OTHER DATA	LW
responsible for sitework if different from permittee)	CASING INDICATOR	

March 27, 1984

### FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - $8/-0465$	-
Location of property (road) Ten Oaks Rd.	<u> </u>
Subdivision Donald E. Kvamer property Lot 2 Block Plat Sec.	
Well Driller Ronald L. Kyker Owner Donald E. Kramer	
Depth of well 328' Distance of measuring point (M.P.) above ground 174. Static water level (S.W.L.) below M.P. 48	
I. High rate pumping reservoir drawdown	
Time pump started 8:30 Am Pumping rate 20 Total time 15 mins to reach pumping water level 4.6 ft. below M.P.	

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

TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
minute in-	below M.P.	time to fill 5	(if used)	(gallons per
tervals -		gallon bucket		minute)
8:30	48	3 Sec.		20
8:45	159	4 "		15
9:00	231	5 "		12
9:15	271	14 9	·	4.2
9:30	269	13 "		4.6
9:45	268	13 "		4.6
10:00	268	13 "		4.6
10:15	269	13 "		4.6
10:30	268	13 "		4.6
10:45	269	/3 "		4.6
11:00	270	/3 "		4.6
11:15	270	13 "		4.6
11:30	270	13 "		4.6
11:45	270	/3 "		4.6
12:00	271	13 "		4.6
12:15	271	13 "		4.6
12:30	27/	13 "		4.6
			·	
·				
7	1		<u> </u>	

