

7/3/86
AM

05-362709 or

05-362695

PERMIT

7/3/86
approved
S. Alul

P 37442
A REPAIR

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

BUREAU OF ENVIRONMENTAL HEALTH

DISTRICT _____

~~XXXXXX~~

461-9933

DATE 8/1/86

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS _____ PHONE 988-9270

SUBDIVISION _____ ROAD Ten Oaks Road LOT _____

PROPERTY OWNER Ronnie Shaw Parsley

ADDRESS 4244 Ten Oaks Road

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO _____

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPEN UP SO SANITARIAN CAN RECOMMEND REPAIR.

PLANS APPROVED BY C. Williams DATE 6/26/86

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

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

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

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

PERMIT VOID AFTER THREE YEARS.

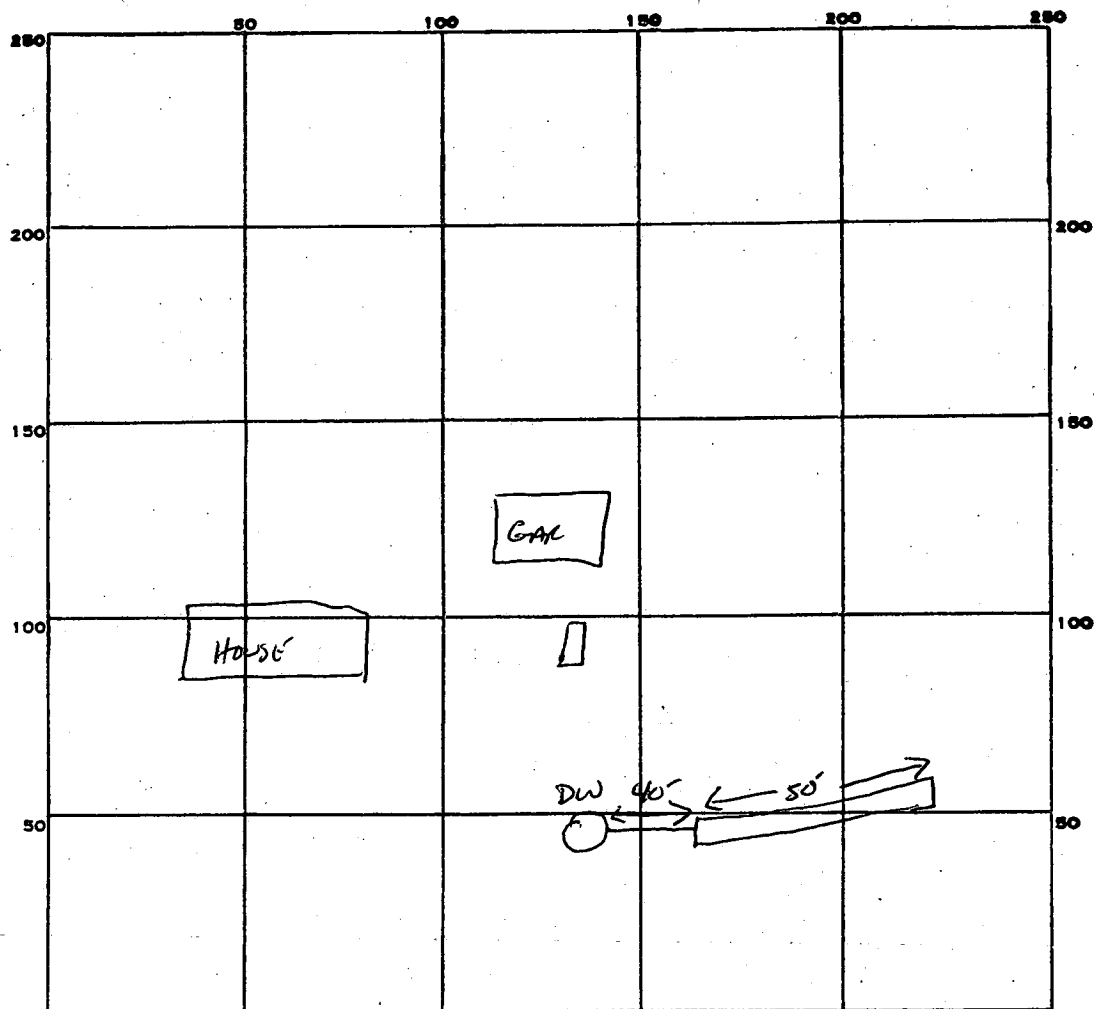
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

37442
A Repair



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

TEN OAKS RD

PERMIT CARD _____

SEPTIC TANK, LEVEL EXISTING

CLEANOUTS EXISTING DW/ST

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 10.5 FT. TRENCH WIDTH 2 FT. INLET 3

GRAVEL DEPTH 7.5 ^{FL} IN. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 375 ⁶

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 375 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 7/3/86

INSPECTOR S. AM

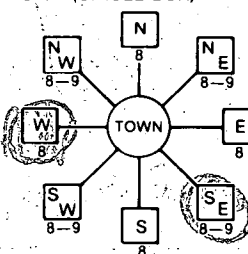
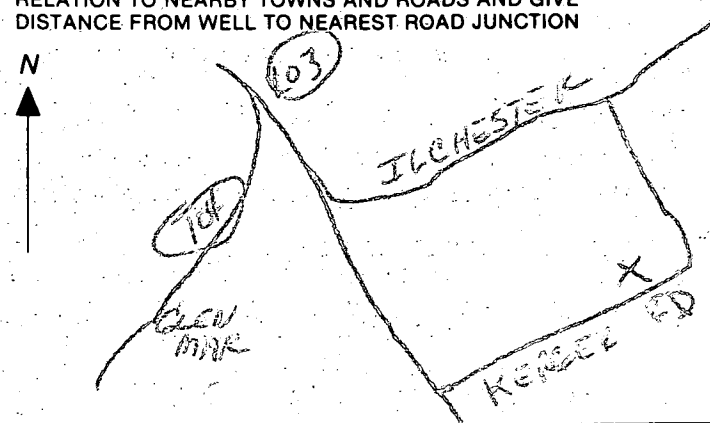
C1 01130 1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A 37444
DATE Received	DATE WELL COMPLETED 07/16/86 15 20	Depth of Well 420 22 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1594 28 29 30 31 32 33 34 35 36 37

OWNER NICKALI, JOHN last name first name	TOWN GLENMAR
STREET OR RFD 5377 KERGER RD	
SUBDIVISION	SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 1000 GALLONS OF WATER 59 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 35 ft. (enter 0 if from surface)	C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 80 WHEN PUMPING 420 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible																																														
<table border="1"><thead><tr><th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th><th colspan="2">FEET</th><th rowspan="2">Check if water bearing</th></tr><tr><th>FROM</th><th>TO</th></tr></thead><tbody><tr><td>topsoil</td><td>0</td><td>1</td><td></td></tr><tr><td>yellow clay</td><td>1</td><td>10</td><td></td></tr><tr><td>brown shale w/ clay</td><td>10</td><td>36</td><td></td></tr><tr><td>gray clay</td><td>36</td><td>38</td><td></td></tr><tr><td>gray granite</td><td>38</td><td>58</td><td></td></tr><tr><td>fractured gray granite</td><td>58</td><td>80</td><td></td></tr><tr><td>gray granite</td><td>80</td><td>190</td><td></td></tr><tr><td>white granite</td><td>190</td><td>306</td><td></td></tr><tr><td>gray granite</td><td>306</td><td>356</td><td></td></tr><tr><td>light gray granite</td><td>356</td><td>400</td><td></td></tr></tbody></table>	DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	FROM	TO	topsoil	0	1		yellow clay	1	10		brown shale w/ clay	10	36		gray clay	36	38		gray granite	38	58		fractured gray granite	58	80		gray granite	80	190		white granite	190	306		gray granite	306	356		light gray granite	356	400		CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) 5 6 40 OTHER CASING (if used) diameter inch depth (feet) from to EACH CASING	PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above - below } LAND SURFACE 2 (nearest foot)
DESCRIPTION (Use additional sheets if needed)		FEET			Check if water bearing																																											
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topsoil	0	1																																														
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fractured gray granite	58	80																																														
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C 2 1 2 DEPTH (nearest ft.) 40 38 420 EACH SCREEN 1 2 3 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) Pond 95' well 80' fel																																														

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL	I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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 KNOWLEDGE.	DRILLERS IDENT. NO. 40 George J. Eustachy DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Robert K. Huber SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA
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W 37444

B 1 <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">4446</div> <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. <small>(OEP USE ONLY)</small>	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">10-02041544</div> <small>fill in this form completely</small>
Date Received <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">11/1/86</div> OWNER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">MILK & SONS</div> Owner <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5377</div> Street or RFD <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">9005</div> Town <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">117</div> State <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">21</div> Zip		B 3 LOCATION OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">11</div> COUNTY <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">MAD 31</div> SUBDIVISION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">44</div> SECTION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">46</div> LOT <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">48</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">50</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">6117</div> NEAREST TOWN <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">7</div> CITY <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">0</div> MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">MI</div>	
DRILLER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">GEORGE J. EASTERDAY</div> Driller's Name <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">117</div> License No. <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">I. E. EASTERDAY, INC.</div> Firm Name <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">9005 BRANCH RD, MT. AIRY</div> Address <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">11/1/86</div> Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">N</div> NORTH <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">W</div> WEST <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">E</div> EAST <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">S</div> SOUTH <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">34</div> DISTANCE FROM ROAD <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">37</div> ENTER FT or MI <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">FT</div>	
B 2 WELL INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">2</div> APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">500</div> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)		USE FOR WATER (CIRCLE APPROPRIATE BOX) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">D</div> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">F</div> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">I</div> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">P</div> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">T</div> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">200</div> FEET APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">6</div> INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">HARVARD</div> COUNTY NAME <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A 374</div> COUNTY NO. <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">DATE ISSUED</div> DATE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">071086</div> CO-SIGNATURE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">01/18/87</div> EXP. DATE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">50000000</div> NORTH GRID <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">08610000</div> EAST GRID	
METHOD OF DRILLING (circle one) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">BORED (or Augered)</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">JETTED</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Jettied & DRIVEN</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">AIR-ROTARY</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">AIR-PERCussion</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">ROTARY (Hydraulic Rotary)</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">CABLE</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">REVERSE-ROTARY</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Drive-POINT</div> other _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">WELL</div> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">8641</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5006</div>	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">N</div> THIS WELL WILL NOT REPLACE AN EXISTING WELL <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Y</div> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">S</div> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">D</div> THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">41</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">52</div>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY)			
APPROX. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">GAP</div>			
FORCE <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">2</div> WRITE INITIALS IN BOX PERMIT No. <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">10-01-1402</div>			
SPECIAL CONDITIONS			

HD - 81

829-1640

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

Ellicott City, Maryland 21043

Phone: 461-_____

To:

Craig

(EASTWOOD)

John Nicolai, Kerger Rd
(Don Teachin farm)

livestock watering / irrigation

well to fill pond & water to be
pumped out of pond.

H/B crew will be @ Strawberry Test
all day

From: Trach

Date: 6/12/86

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE

LOCATION DUNTEACHIN FARM ZIP _____OWNER ☐
 OCCUPANT ☐ JOHN NICOLAI ADDRESS KENGER RD PHONE _____

COMPLAINANT _____ ADDRESS _____ PHONE _____

REASON FOR INVESTIGATION POND DRYING UP - WANTS IRRIGATION WELL
FOR LIVESTOCK + CROPS.RECEIVED BY F. SKINNER DATE 6/12/86 ASSIGNED TO C. Williams DATE 6/12/86DATE OF INVESTIGATION _____ TIME 12:00 WEATHER _____REPORT 6/13/86 Talked with Mrs. Nicolai. Well location
near pond looks OK. Recommend upper side of
pond for location.

↓ slope ↓

Pond

suggested well
area

800'

strawberry land

Kenger Rd

DATE SUBMITTED _____

SANITARIAN _____

Date _____

3/20/61

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO -
Location of property (road) JOHN NICOLA FARM KENNER RD
Subdivision Lot Block Plat Sec.
Well Driller EASTON RAY Owner JOHN NICOLA

Depth of well _____
Distance of measuring point (M.P.) above ground _____
Static water level (S.W.L.) below M.P. _____

1. High rate pumping -- reservoir drawdown

Time pump started _____ Pumping rate _____
Total time _____ to reach pumping water level _____ ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
			7/16/85	
① Not necessary to Run Pumping test - Irregular well				
② VISITED SITE Well not yet grouted at 256 PM				
+ seen Joe Easterday this morning & he said he may not go to this well today because of equipment problems				
B. J. Dodge				