

Approved (64K)  
21 Nov 78

11/21/78  
11/15/78 got  
if not 11/16/78

# PERMIT

P 29194

A 24236

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-382173

ELLICOTT CITY

DISTRICT 5th

**INDEXED**

DATE 11/8/78

Roland Barth

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Riverside Estates ROAD 10738 Judy Lane ✓ LOT 4, Blk.H

PROPERTY OWNER Stanley Halle SIM WRIGHT

ADDRESS \_\_\_\_\_

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.

INLET PIPE \_\_\_\_\_ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH \_\_\_\_\_ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN FACING LOT FROM

5D13

DRAINFIELDS-Begin the drainfields at a point 15 ft. from the right property line as seen from the road and 144 ft. from the edge of the road. The drainfields will be dug 3 ft. wide, 4 ft. deep, and contain 1/2 ft. of stone. No trench shall be longer than 100 ft. and all trenches will follow the contour of the land. Space the trenches 10 ft. apart center-to-center. There will be no less than 150 sq. ft. of bottom area in the trenches per bedroom.

PLANS APPROVED BY R. Moorefield DATE 7/21/77

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

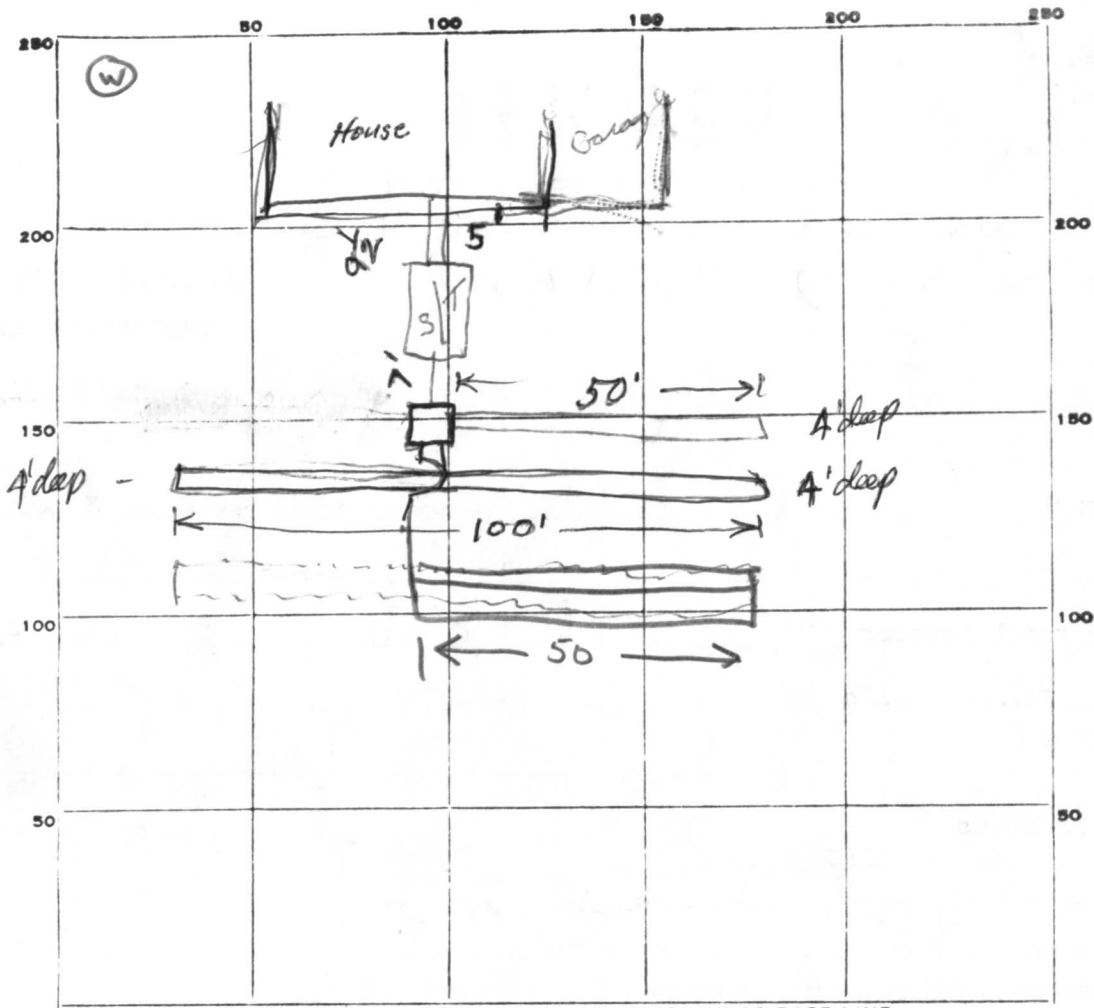
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

A 24236



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD 9

SEPTIC TANK, LEVEL

CLEANOUTS

terracotta

DISTRIBUTION BOX, LEVEL

2x2x1 with baffle

TILE FIELD, DEPTH 4'

FT.

TRENCH WIDTH 3

FT.

GRAVEL DEPTH 1 1/2 - 2

IN.

TOTAL LENGTH 200

FT.

NUMBER OF TRENCHES 3

#1 50'

#2 100'

#3 50'

TOTAL BOTTOM AREA ± 600

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_

FT.

DEPTH BELOW INLET \_\_\_\_\_

FT.

ABSORBENT AREA \_\_\_\_\_

SQ. FT.

REMARKS 11-15-78. insp. 50' & 100' trench, 4' deep & 3' wide, to call final show last 100' installed, ok to gravel all 3 trenches Frommelt  
21 Nov 78 - Final OK. (GLK)

DATE SYSTEM APPROVED 21 Nov. 78

INSPECTOR G. Keller

# APPLICATION

A 24236

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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: 465-5000, EXT. 356

DISTRICT 5th

DATE April 27, 1976

*ST 3 BR 1000 gal  
4 " 1250 "*

*Begin the drainfields at a point 15ft from the right prop line as seen from the road and 144 ft from the edge of the road. The drainfields will be dug 3' wide, 5' deep, and contain 3 1/2' of stone. No trench shall be longer than 100' and all trenches will follow the contour of the land. Space the trenches 10' apart center-to-center. There will be no less than 150# of bottom area in the trenches per bedroom.*

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 Residential Developers Inc. % William Miller  
ADDRESS P. O. Box 700, Seabrook, Maryland 20801 PHONE 301-948-5115

PROPERTY LOCATION:

SUBDIVISION Riverside Estates LOT NO. ~~4~~ Block "H"

directions  
ROAD AND DESCRIPTION From Ellicott City South on Rt 29 Approximately 1000 feet South of Rt 32 to Vista Drive; West on Vista Drive to Long View

SIZE OF LOT Approximately one acre TYPE BLDG. 4 Bedroom

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE (Single Family Dwelling)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

BLDG. PERMIT SIGNED

AND RETURNED 7/20/78

SIGNATURE OF APPLICANT William Miller Serial No. 35985

APPROVED BY Robert J. Moorefield FOR Drainfill DATE JUL 21 77  
(KIND OF SYSTEM)

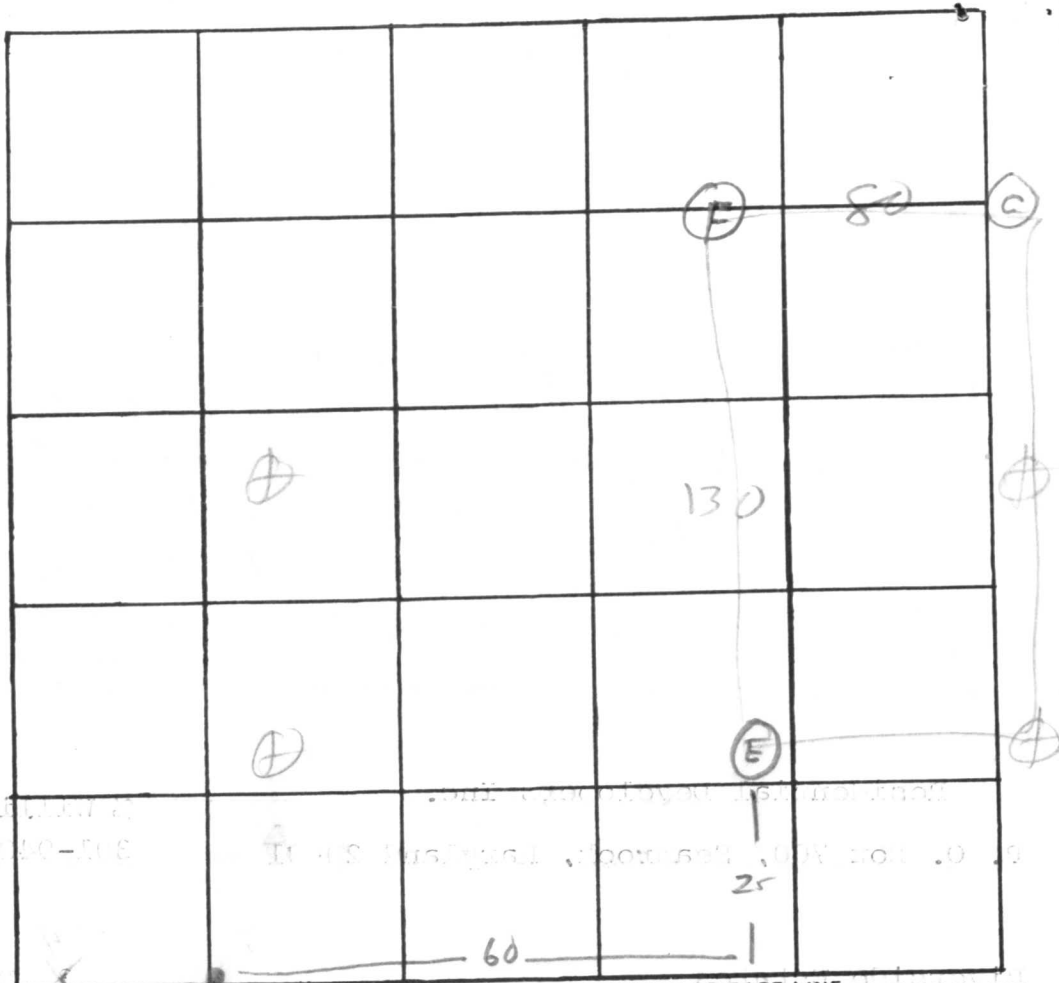
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

Lot 4



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2/79	E	2½	115	112	112	121	4
	F	13	146	112	112	121	4
	F	3	135	132	132	140	4
	F	12½	146	142	142	152	5
	C	3	205	202	202	213	5
	G	10	water	⊙	8½	11	

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

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% William Miller

PROPERTY LOCATION:

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ROAD AND DESCRIPTION directions From Ellicott City South on Rt 29 Approximately 1000 feet South of Rt 32 to Vista Drive; West on Vista Drive to Long View

SIZE OF LOT Approximately one acre TYPE BLDG. 4 Bedroom  
NUMBER OF BEDROOMS  
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SIGNATURE OF APPLICANT \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT


INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

G<sub>1</sub> H  
 0 — sandy clay  
 3 —  
 12 — sand  
 G  
 0 —  
 1 — sandy  
 10 —

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2	H	3	2:54	2:58	2:58	2:59	3
	H <sub>1</sub>	12	2:55	2:59	2:59	3:06	7
3/24/77	G	3	3:08	3:09	3:09	3:11	2
	G <sub>1</sub>	12	3:08	3:11	3:11	3:15	4
3/24/77	G3	10'	water @ 9 1/2'				

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY MM ALSO PRESENT: \_\_\_\_\_

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SIGNATURE OF APPLICANT \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

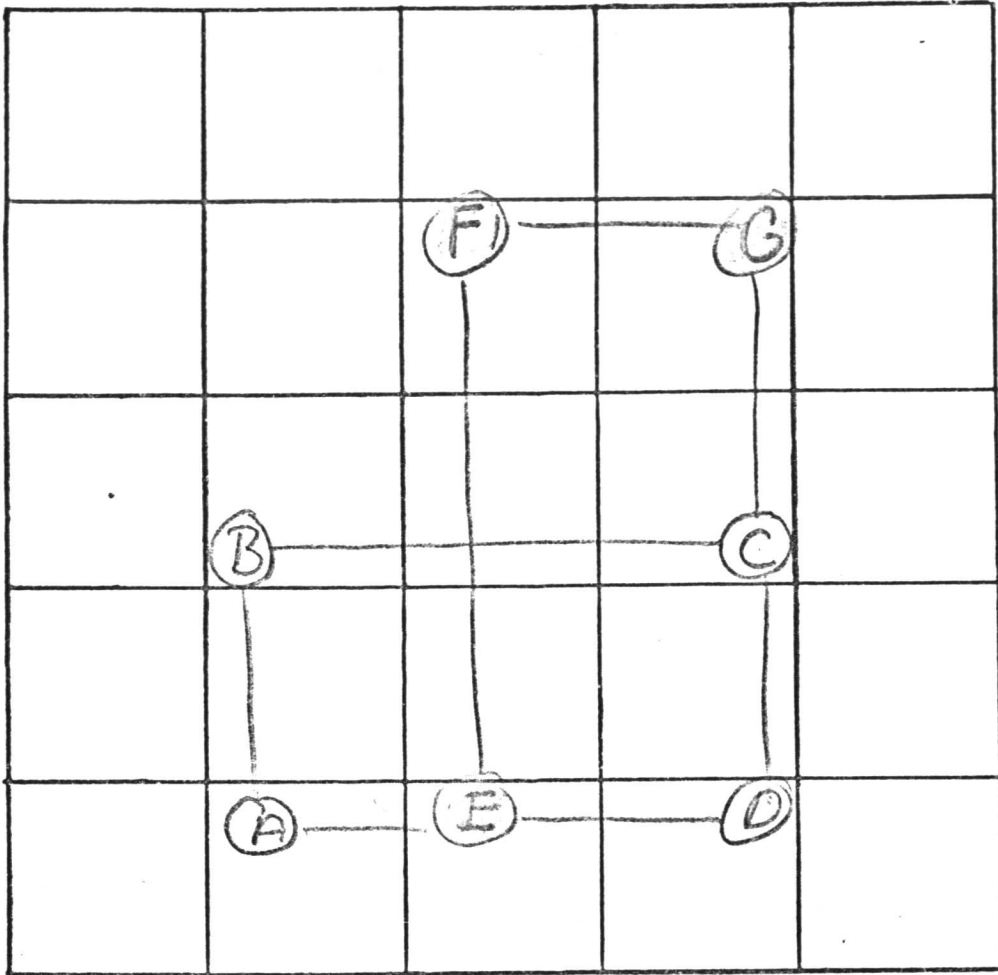
# THIS IS NOT A PERMIT



Lot # 4C  
 Test E, F, G.

6/2/76

$\frac{3}{8} = 100$



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

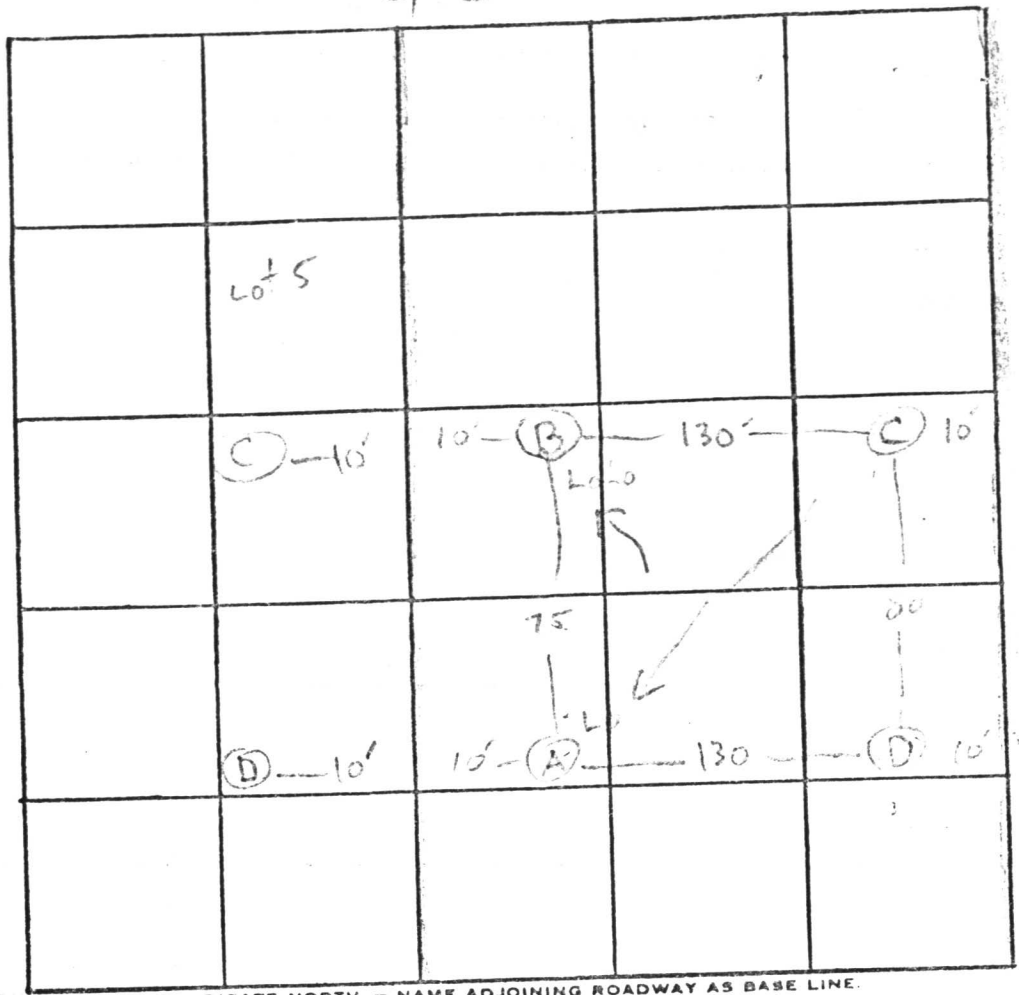
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/2	E	2 1/2	1:15	1:17	1:17	1:21	4
	E <sub>1</sub>	13	1:16	1:17	1:17	1:21	4
	F	3	1:35	1:37	1:37	1:41	4
	F <sub>1</sub>	12 1/2	1:46	1:47	1:47	1:52	5
	G	3	2:05	2:07	2:07	2:12	5
	G <sub>1</sub>	10	unwet	at	8 1/2 ft		

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

4C

4C



Lot 5

Lot 3

10' (C)

10' (B)

130'

10' (C)

10' (B)

75

20

10' (D)

10' (A)

130'

10' (D)

10' (A)

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/76	A	10'	WATER	@	10'		
	A1	3	12:00	12:01	12:01	12:02	5
	A2	8	12:06	12:00	12:00		4
	B	8-10	12:32	12:40	12:40	12:40	2
	B1	3	12:32	12:40	12:40	12:40	2
	B2	6	12:39	12:50	12:50	12:50	3
	B3	8	12:43	12:50	12:50	12:50	15
	C	3	11:30	11:32	11:32	11:32	4
	C1	10	11:30	11:32	11:32	11:42	13
	C2						
	D	12-2	11:33	11:35	11:35	11:40	8
	D1	LOOK SEE					
	D2						

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY R M ALSO PRESENT: Ruth

10/9/87 AMT Int

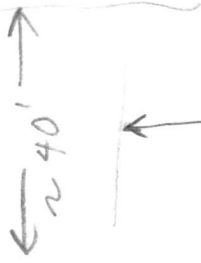
(200)

NEEDS NEW WELL SITE

POOL

HOUSE

GARAGE



← ~ 35-40'

on clear out field shot

~ 50'

~ 175' per owner

5056 9505

LOWEST CAR.

Blue

STH on right corner

497-6006

Tanner

C 1 **7561** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
**TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401**  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) July 1978 DEPTH OF WELL 300 PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-2843

DATE WELL COMPLETED July 1978 22 (TO NEAREST FOOT) 26

8-13 15 20 DRILLERS IDENTIFICATION NO. 238

OWNER John P. Starnes LAST NAME FIRST NAME

STREET OR RFD 19332 Annapolis Rd POST OFFICE

**WELL DESCRIPTION**

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Sand	0	20	
Gray marl	20	300	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 0 NO. OF POUNDS 564

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 20 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

CASING TYPES: INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE:  NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 24

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

C 2 (SEQ. NO.)

EACH SCREEN	DEPTH (NEAREST WHOLE FOOT)	
	FROM	TO
1	8	11
2	23	26
3	38	41

SLOT SIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM \_\_\_\_\_ TO \_\_\_\_\_

GRAVEL PACK 2 in.

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING  LOG INDICATOR

C 3 (SEQ. NO.)

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3

METHOD USED TO MEASURE PUMPING RATE air

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 65 (NEAREST FOOT)  
 WHEN PUMPING 5 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

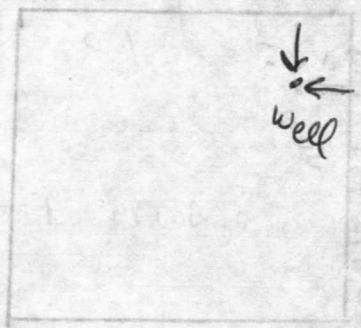
CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_  
 PUMP HORSE POWER \_\_\_\_\_  
 PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_

**CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)**

ABOVE } LAND SURFACE  
 BELOW } (NEAREST FOOT)

**LOCATION OF WELL ON LOT**

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME Joseph L. Meyer

SIGNATURE Joseph L. Meyer

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

11 21 9 46 AM '78

DIVISION OF  
ENVIRONMENTAL  
HEALTH

TO: \_\_\_\_\_  
FROM: \_\_\_\_\_  
SUBJECT: \_\_\_\_\_