

5/16/85
22 days to
A.M. - P.M.

5-16-85
Approved
SAB

PERMIT

P 35402
A 34843

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-383994
INDEXED

ELLICOTT CITY
DISTRICT 5th
DATE 5/16/85

United General Contractors

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 854-6561

SUBDIVISION Allnutt Farms II ROAD 13455 Allnutt Lane LOT 11

PROPERTY OWNER ~~Frank & Kathleen Caviak~~ Harvard

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start first trench 125 feet from the front lot line and 90 feet from the left lot line as seen when facing the property from Allnutt Lane. Run Trench(s) along level ground in either direction. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY 5 C. Williams DATE 5/6/85

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.

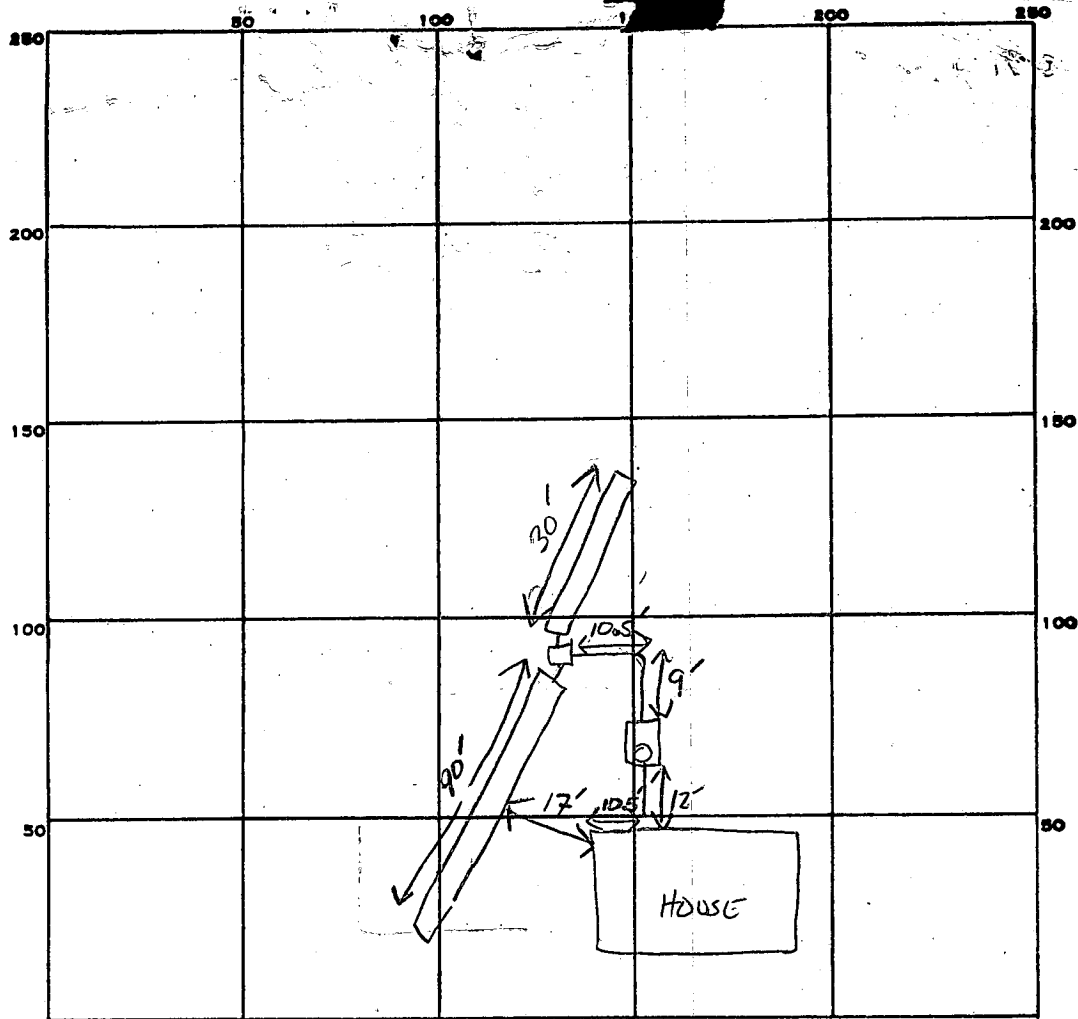
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 37843



$$\begin{array}{r} 30 \\ 6 \overline{) 180} \\ \underline{120} \\ 60 \\ \underline{60} \\ 0 \end{array}$$

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

ALLIOTT LA.

PERMIT CARD

SEPTIC TANK, LEVEL 1500 GAL

CLEANOUTS 1ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9' FT. TRENCH WIDTH 2' FT. INLET 3'

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH #1 30" #2 90" TOTAL=120 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 720 SQ. FT.

$$\begin{array}{r} 120 \\ 6 \\ \hline 720 \end{array}$$

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

ABSORBENT AREA 720 SQ. FT.

REMARKS 5-16-85 OK TO COVER 1ST TRENCH + ADD STONE TO #2 AS WORK CONTINUES, SRAH

DATE SYSTEM APPROVED

5-16-85

INSPECTOR

SRAH

1/27/85
9:30 AM

APPLICATION

SEWAGE DISPOSAL TESTING

A 34843

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT _____

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 1/21/85

①

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 Smith & Margaret Allmatt FRANK & KATHLEEN GAVIAK

ADDRESS 13288 Highland Rd. Highland, Md 20727 PHONE 531-2840

PROPERTY LOCATION:

SUBDIVISION Allmatt Farms Estates LOT NO. eleven - Sec. II

13455
ROAD AND DESCRIPTION Allmatt Lane - (corner of Chawlais Court)

SIZE OF LOT 41,057 sq. ft. TYPE BLDG. 3 bedroom home
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Margaret G. Allmatt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C. Wilham DATE 1/29/85

REASONS FOR REJECTION OR HOLDING SATISFACTORY PENDING PLAT SHOWING RELOCATED PERC HOLDS

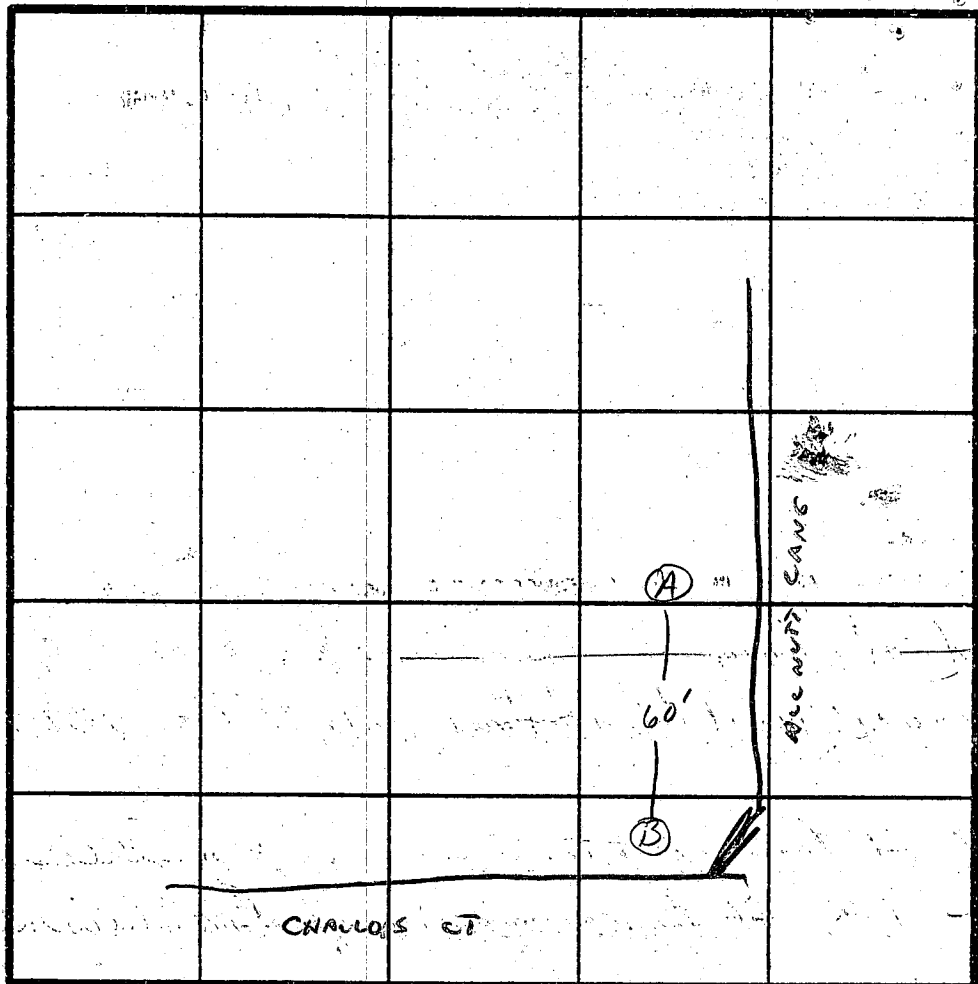
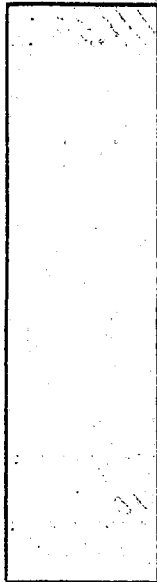
AND SATISFACTORY HOUSE SITE. 1/30/85 CWL AP # 63609

4 Bed
No
trash

BLDG. PERMIT SIGNED
AND RETURNED 1-3-85

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/29/85	A	S 3.5	10:25	slow	stiff begin	below 3.5' level	* < 15 min / 10CH
		M 5'	10:25	water	movement	good at 5' level	
	V	11.5	uniform	sandy	structure	below 6'	
	B	S 4'	stiff	slow -	inlet	below	* < 10 min / 10CH
		M 6'	moving	ok			
	V	16.5	SANDY	UNIFORM	SOIL (w/o H ₂ O)	below 6'	< 10 min / 10CH

EH-12-1079

REMARKS * 1-25-85
 Basin effective area at approximately 5' use medium size system for area RA

TYPE OF SOIL _____
 TESTED BY S. Abel / C. Williams

ALLEN WITWORTH
 ALSO PRESENT

APPLICATION

A _____

P _____

SEWAGE DISPOSAL TESTING

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 Fifth

DATE 9/9/76

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 Mr. and Mrs. Smith W. Alnutt, Jr.

ADDRESS 13288 Highland Road
Highland, Maryland 20777 PHONE 988-9303

PROPERTY LOCATION:

SUBDIVISION H1 - Land Farm Estates LOT NO. 112

ROAD AND DESCRIPTION Road A

SIZE OF LOT 0.99 Ac TYPE BLDG. 3 or 4 bedroom

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Margaret G. Alnutt

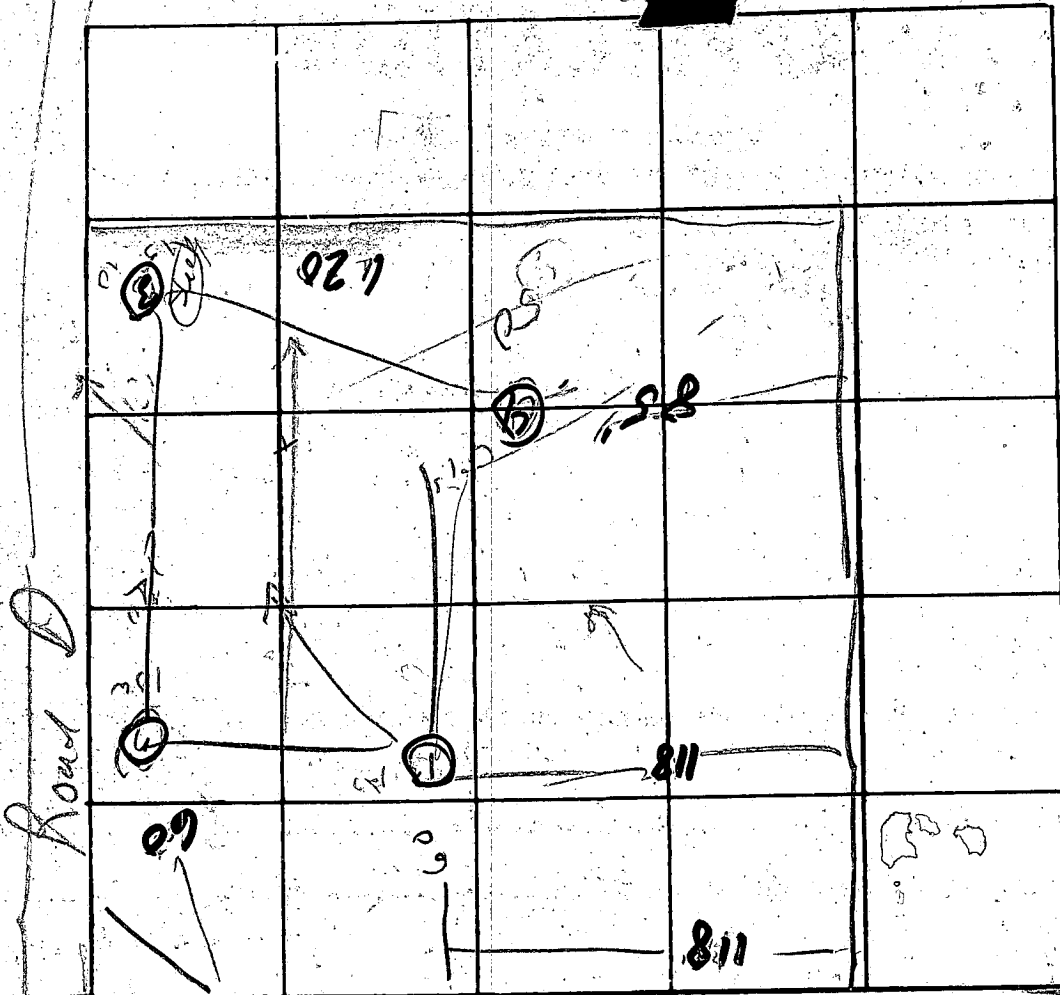
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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.

①
Clay 5'
Sand 13'
②
Clay 8'
Sand 15'
③
Clay 5'
Clay 5'
Sand 13'

④
Clay 5'
Sandy 12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/6/90	3s	4'	200	Fc 4			
	d	13'	204	205	205	206	1
	1s	5'	1410	1412	1412	14	2
	d	13'	1410	1411	1411	1414	3
	2s	7'	1415	1421	1421	1427	6
	2d	15'	1415	1416	1416	1420	4
	4	12'	Visual				
	3s	5'	249			250	1

REMARKS Generally sandy and consistent clay
 TYPE OF SOIL thick in spots
 TESTED BY Prof R. Kegan ALSO PRESENT: Hellerman

C1 9546
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

MARYLAND WELL COMPLETION REPORT
 FILE IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A 34843

DATE RECEIVED: [] [] [] [] [] []
 DATE WELL COMPLETED: 03/11/85
 DEPTH OF WELL: 180 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-81-0905

OWNER: GAVLAK FRANK J
 STREET OR RD: last name ALLNUT LANE first name
 TOWN: HIGHLAND
 SUBDIVISION: ALLNUT FARMS SECTION 2 LOT 11

WELL LOG
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	30	
Sand Stone	30	40	✓
Micka	40	55	
Sand Stone	55	60	✓
Micka	60	180	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 11 NO. OF POUNDS 1100
 GALLONS OF WATER 66
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 30 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO
 PL OT
 STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter (nearest inch) 6
 Total depth of main casing (nearest foot) 79

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST BR HO
 PL OT
 STEEL BRASS OPEN HOLE
 BRONZE HOLE
 PLASTIC OTHER

DEPTH (nearest ft.)
 H O 72 180

CIRCLE APPROPRIATE LETTER
 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. 273
 DRILLERS SIGNATURE: Ralph Mayne

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

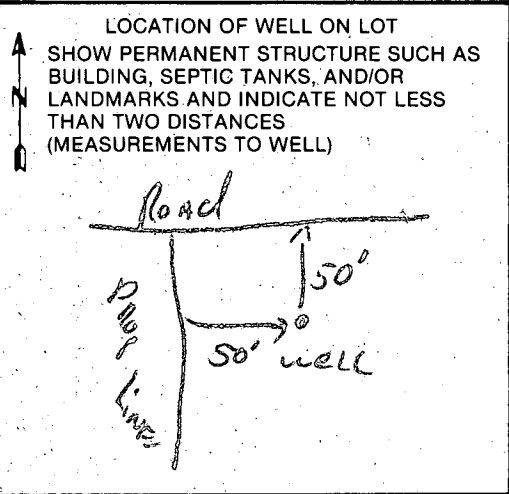
SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 9
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 90
 WHEN PUMPING 55
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES
 (CIRCLE) (YES or 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:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }



B 1 3254 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
70 40-81-0905 79
fill in this form completely

Date Received 3/13/85 10:00 AM
OWNER INFORMATION
GAVLAK FRANK J
19136 ALPENGLOW LANE
BROOKVILLE MD 20833

B 3 LOCATION OF WELL
HOWARD COUNTY
ALLNUTT FARMS
SECTION 2 LOT 11
HIGHLAND
MILES FROM TOWN 2 MI

DRILLER INFORMATION
Ralph Mayne
Ralph Mayne (well drilling)
9120 Brown Church Rd. Mt. Airy MD
Ralph Mayne Feb 29, 1985

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD ALLNUTT LN
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 50 FT

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

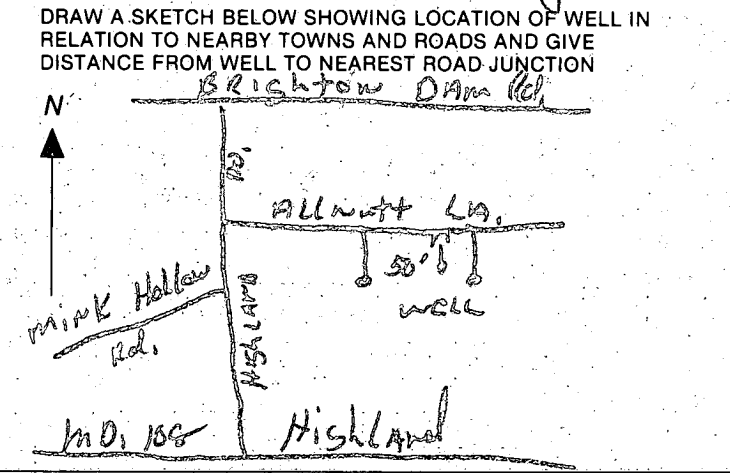
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME A 34843 COUNTY NO.
OEP SIGNATURE J. Stamen STATE HEALTH INSERT S
DATE ISSUED 8/28/85
NORTH GRID 496000 EAST GRID 0808000

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
2.
3.
WRITE THE BOX NUMBER FROM THE MAP HERE
E 800 8
N 490 6
3/13/85

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE JS WRITE INITIALS IN BOX PERMIT No. 40-81-0905

SPECIAL CONDITIONS

