

# PERMIT

P 31525

A 30732

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-378982

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE August 3, 1981

*SYSTEM COMPLETE 8/18/81 R.H.*

Mr. Will Hopkins

IS PERMITTED TO INSTALL  ALTER

ADDRESS 2724 Jennings Chapel Rd, Woodbine, Md. 21797

PHONE 854-6675

SUBDIVISION William Contrivance Estates

ROAD 9459 Ellsworth Court

LOT 9 Sec. 2

PROPERTY OWNER Leslie H. Pitton, Jr.

ADDRESS 2036 Kingshouse Rd, Silver Spring, Maryland 20903

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 150 SQ. FT. per bedroom

INLET PIPE 3 to 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

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

LOCATE DISPOSAL AREA 225 FT. FROM back LOT LINE AND 25 FT. FROM right ~~LOT LINE~~ side of lot AS SEEN WHEN FACING LOT FROM Ellsworth Court.

*FF CHANGED TO DITCH ONLY SYSTEM*

Ok to add a ditch off dry well if needed, make ditch 10' deep with inlet at 3-4'. Use a 5' earth buffer between ditch & dry well.

NOTE: Okay to use trench off dry well to make up absorbent sidewall area in system. Leave 5' earth buffer between trench and dry well. Trench to follow contour of the Land. Call for 2 inspections before and after gravel is installed.

PLANS APPROVED BY Raymond Hodges DATE 6/18/80

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.

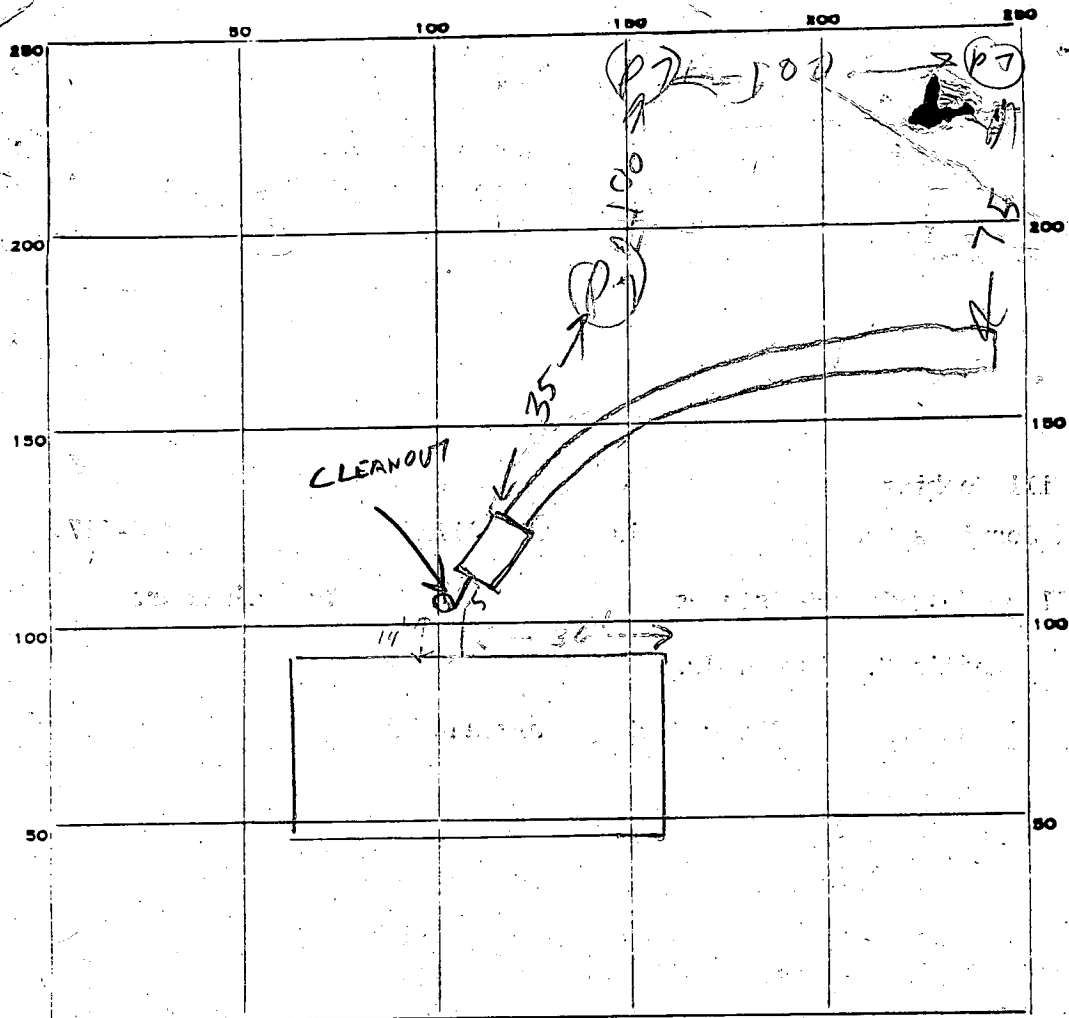
PERMIT VOID AFTER THREE YEARS:

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 30732*

150  
4  
600



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
Ellsworth Ct.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS OK after tank

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 600

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 8/11/81 OK to add stone in trenches  
8/18/81 - DITCH & TANK OK CALL FOR INSPECTION OF  
HOUSE HOOK UP WHEN READY RHT

NO REQUEST FOR FINAL AS OF 7/29/95 - INDEX AS COMPLETE (CW)

DATE SYSTEM APPROVED COMPLETE 8/18/81

INSPECTOR R HODGES (CW)

# APPLICATION

A 24462

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 1000 gallon

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

Septic Tank 8-1-3 Bedrooms 5 1250 gallon  
4 Bedrooms  
DATE 11/8/76

dry well to have 150 sq. ft. effective  
absorbant sidewall area per bedroom below  
inlet. Inlet to be 4' and maximum depth 11'.  
location: system to be located 20ft from  
the mid point of the st and 60ft  
to the right

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

Retested 6/18/80

SEE NEW SPECS

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

PROPERTY OWNER C. E. Jager et al

ADDRESS Fulton, Maryland PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Contiguous Sec 2 LOT NO. 9

ROAD AND DESCRIPTION Ellsworth Drive & Ellsworth Court

SIZE OF LOT 147,200 sq. feet TYPE BLDG. 3 or 4  
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/ C. Ellsworth Jager

APPROVED BY C. B. Treaskin FOR dry well or dry well + trench DATE 4/6/77  
(KIND OF SYSTEM)

REJECTED BY R. Biggs FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT



# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30732

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

1250 GALTANK

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

DISTRICT 5th.

DATE 6/17/80

DRY WELL WAS 50 FT PER BEDROOM  
DRY WELL INLET TO BE 4 FT DEEP

" " " BOT TOM TO BE 12 FT DEEP

PLACE THE DRY WELL 225 FT FROM THE BACK  
LOT LINE & 25 FT FROM THE RIGHT SIDE OF  
THE LOT AS SEEN WHEN FACING  
THE LOT FROM ELLSWORTH COURT

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.

OK TO ADD A DITCH OFF DRY WELL IF

PROPERTY OWNER Leslie H. Pitton, Jr.

13400 Canyon Court

ADDRESS Silver Spring, Maryland 20903

PHONE 384-1319

PROPERTY LOCATION:

NEEDED MARK DITCH 12 FT DEEP  
WITH INLET AT 5 FT. USE A 5 FT

SUBDIVISION William Contrivance Estates

EARTH BUFFER BETWEEN DITCH

ROAD AND DESCRIPTION

Ellsworth Court

& DRY WELL

SIZE OF LOT

2 acres m/1

TYPE BLDG.

4 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.

SIGNATURE OF APPLICANT

Leslie H. Pitton

6/18/80

APPROVED BY

Raymond Hodge FOR Dry Well

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

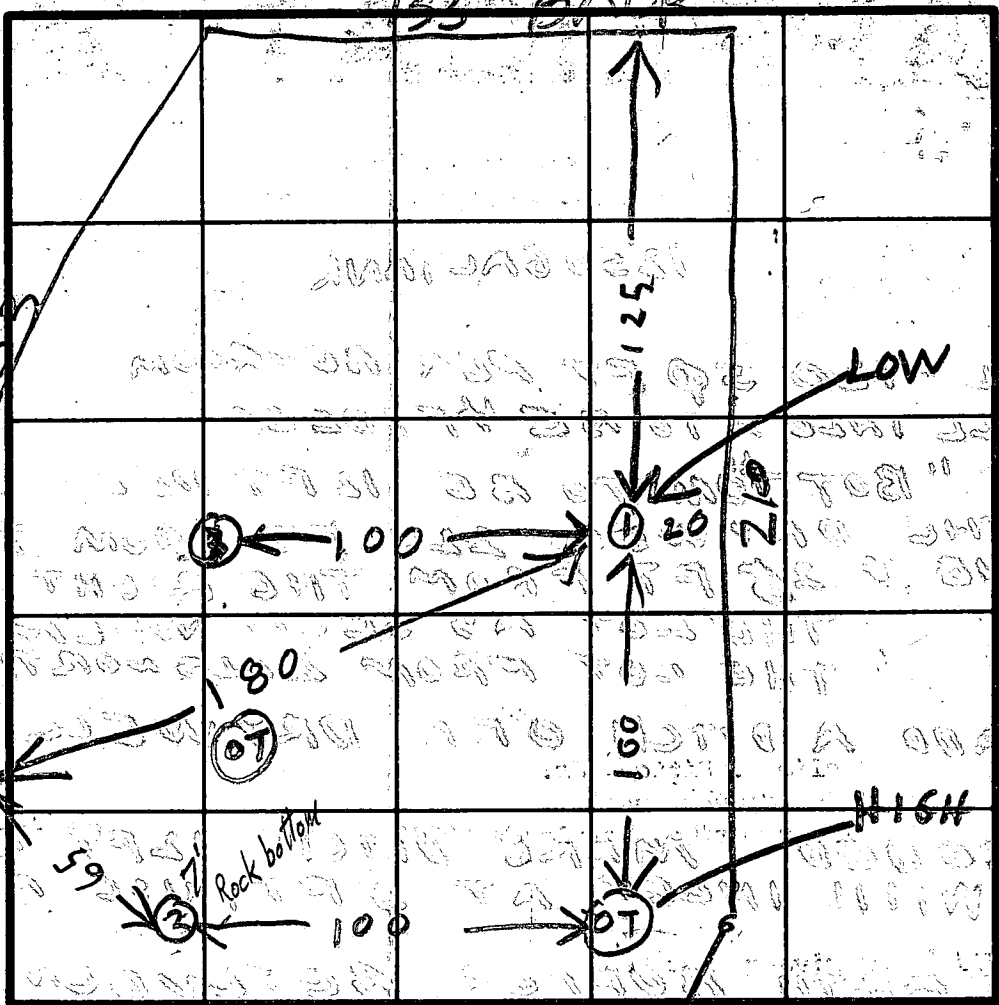
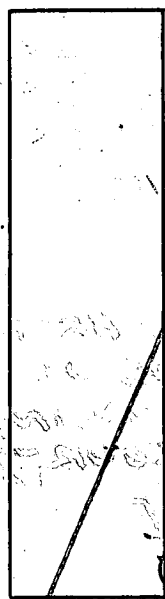
DATE

REASONS FOR REJECTION OR HOLDING

# THIS IS NOT A PERMIT

135 BARK

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

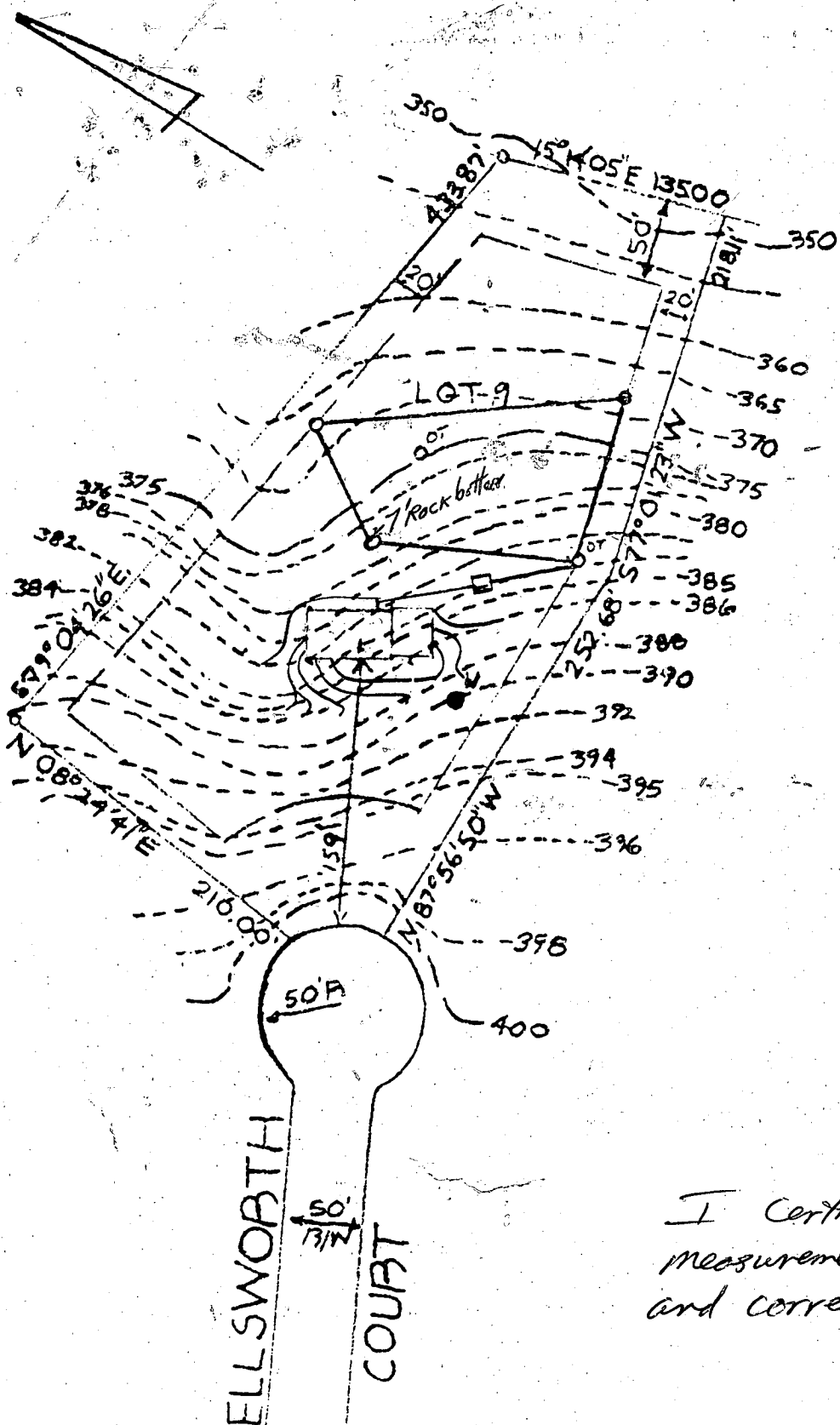
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
6/18/80	1S	3	1022	1024	1024	1028	4	
	1P	12	1034	1036	1036	1039	3	
6/18/80	2S	3	1046	1048	1048	1051	3	
	2D	12	1047	1048	1048	1054	6	
	3R	7	ALL SANDY BUT ROCK BOTTOM					
	4S	3	1119	1121	1121	1124	3	
	4D	12	1127	1128	1128	1131	3	

REMARKS \_\_\_\_\_

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

TESTED BY RAYMOND HODGES

ALSO PRESENT L PITTON OWNER  
GARY BARKIE



9/18/80  
 Revised drawing &  
 elevations  
 J.K.  
 F.S.

- WELL
- EX GR = 3900
- PROP GR = 3900
- HOUSE
- FF ELEV: ~~391.5~~ 391.5
- BSMT ELEV: ~~382.9~~ 382.9
- IN/OUT: ~~382.0~~ 382.0
- SEPTIC TANK
- EX GR = 384
- PROP GR = 384
- IN/IN: ~~381.4~~ 381.4
- ~~IN/IN: 381.5~~
- DRYWELL
- EX GR = 384
- PROP GR = 384
- IN/IN: ~~379~~ 380

I Certify that above  
 measurements are accurate  
 and correct.

*Leo Fulton*

9/18/80 Revised by *JHP*

GRADING STUDY

WILLIAMS CONTRIVANCE - SECTION 2 - LOT 9

**B 1** 5007 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, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

**WRA PERMIT NUMBER**  
 110-73-2000

**FILL IN THIS FORM COMPLETELY**

DATE RECEIVED (WRA USE ONLY)  
 7/15/80  
 9:30 A.M.

**OWNER**  
 COL 15 LAST NAME: BUTLER COL 34 FIRST NAME: TR  
**STREET OR RFD**  
 COL 36: 13400 CANYON COURT COL 55: MARY 376 HOUSE  
**POST OFFICE**  
 COL 57: 511102 SHILOH, MD. 20901 COL 78: 20901

**B 1 CONTINUED DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE: June 17 1980 LICENSE NUMBER: 973  
 77 80

FIRST NAME: MAWNE DRILLER LAST NAME: MAWNE

SIGNATURE: Ralph Mawne

**B 3 LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY: HOWARD (DO NOT ABBREVIATE COUNTY NAME) 21  
 SUBDIVISION: WILLIAMS PADDINGS 42  
 SECTION: 2 LOT: 1  
 44 46 48 50  
 NEAREST TOWN: WILSON 71  
 52

MILES FROM TOWN (ENTER 0 IF IN TOWN): 0 MI 76 77 78

**B 2 WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 500 20  
 14

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 F FARMING, AGRICULTURE, IRRIGATION  
 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.  
 M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 P PRIVATE WATER COMPANY }  
 T TEST

**B 4 DIRECTION FROM TOWN**  
 (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

N NORTH  E EAST  NE NORTHEAST  SE SOUTHEAST  
 S SOUTH  W WEST  NW NORTHWEST  SW SOUTHWEST  
 8 6 8 9 8-9

NEAR ROAD WHAT: Left

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):  N NORTH  S SOUTH  E EAST  W WEST 30  
 32 32 32 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 34 MI 37 38 39

APPROXIMATE DEPTH OF WELL: 150 FEET  
 24 26

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**

BORED (OR AUGERED)  JETTED  DRIVEN  
 30-37  AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (DESCRIBE):

**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):

41 52

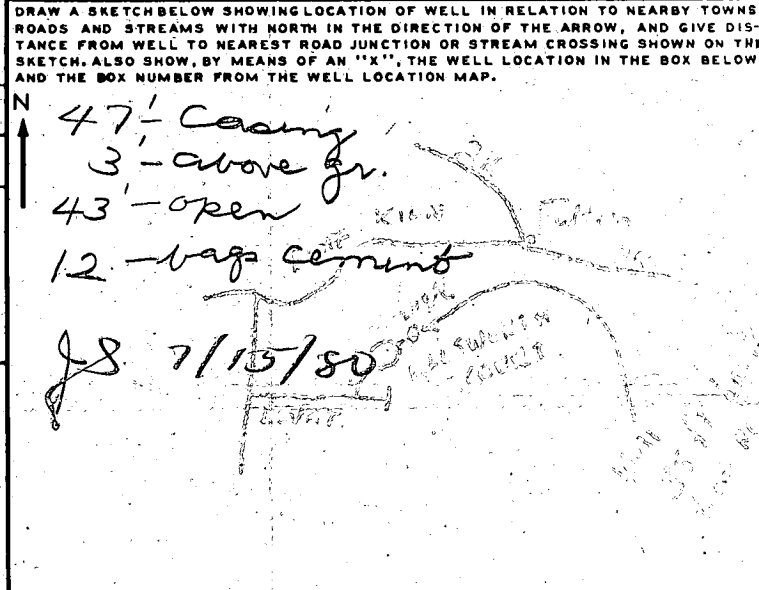
**NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)**

APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 63  
 FORCE: 67 WRITE INITIALS IN BOX: 68 CONDITIONS: 69 A E N S G W Q C L U  
 70 71 72 73 74 75 76 77 78 79

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

41  STATE HEALTH (CIRCLE BOX) COUNTY NAME: Howard COUNTY NO.: 120222  
 MO. DAY YR. APPROVED BY: [Signature]  
 DATE: 7/15/80 APPROVED BY: 48 Ronald W. Monaghan, Sanitarian



**BOX NUMBER**

E: 810  
 N: 1170

NORTH COORDINATE: 50 51 52 53 54 55  
 EAST COORDINATE: 57 58 59 60 61 62 63  
 ELEVATION AT WELL HEAD (FEET): 65 66 67 68

0/5 5/5  
 0/0 5/0

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**

1 2 3 (SEQ. NO.) 6

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

THIS REPORT MUST BE SUBMITTED WITH-  
IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER A30732

C 1 - 4988  
SEQUENCE NO. (WRA USE ONLY)  
1 2 3 (SEQ. NO.) 6  
(THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)  
15 16 17 18 19 20  
8-13

DEPTH OF WELL  
July 15 1960  
DATE WELL COMPLETED  
245  
22 A (TO NEAREST FOOT) 26  
65

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
10-72-2622  
28 29 30 31 32 33 34 35 36 37  
DRILLERS IDENTIFICATION NO. 273

OWNER P. Hton LAST NAME LESLIE, JR. FIRST NAME Benjamin Parker or William Contreva  
STREET OR RFD 13400 Canyon Ct. POST OFFICE S. Lutz Springs Md.

WELL LOG

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	
Top Soil	0	2	
Sandy	2	34	✓
Sandstone	34	45	
Micka	45	55	
Sandstone	55	60	✓
Micka	60	245	

WELL DESCRIPTION

GROUTING RECORD  
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N  
44 44

TYPE OF GROUTING MATERIAL (CIRCLE BOX)  
CEMENT  C  M BENTONITE CLAY  B  C  
45 46 45 46  
NO. OF BAGS 12 NO. OF POUNDS 1200  
GALLONS OF WATER 22

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
FROM 0 FT. TO 42 FT.  
(ENTER 0 IF FROM SURFACE)

CASING RECORD  
CASING TYPES  
INSERT APPROPRIATE CODE BELOW  
 S T  C O  
STEEL CONCRETE  
 P L  O T  
PLASTIC OTHER

MAIN CASING TYPE  S  T  
NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6  
TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 45  
60 61 63 64 66 70

OTHER CASING (IF USED)  
DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD  
SCREEN TYPE OR OPEN HOLE  
INSERT APPROPRIATE CODE BELOW  
 S T  B R  H O  
STEEL BRASS OR BRONZE OPEN HOLE  
 P L  O T  
PLASTIC OTHER

C 2  
1 2 3 (SEQ. NO.) 6  
DEPTH (NEAREST WHOLE FOOT)  
FROM TO  
1 H O 42 245  
8 9 11 15 17 21  
2  
23 24 26 30 32 36  
3  
38 39 41 45 47 51  
SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 (NEAREST INCH)  
FROM TO

GRAVEL PACK  
IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
TELESCOPE CASING  T  W Q  
LOG INDICATOR  70  72  74 75 76  
OTHER DATA AVAILABLE

PUMPING TEST

C 3  
1 2 3 (SEQ. NO.) 6

HOURS PUMPED (TO NEAREST HOUR) 6  
8 9  
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4  
11 15  
METHOD USED TO MEASURE PUMPING RATE Rocket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
BEFORE PUMPING 30 (NEAREST FOOT)  
17 20  
WHEN PUMPING 245 (NEAREST FOOT)  
22 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 A AIR  P PISTON  T TURBINE  
27 27 27  
 C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)  
27 27 27  
 J JET  S SUBMERSIBLE  
27 27

PUMP INSTALLED

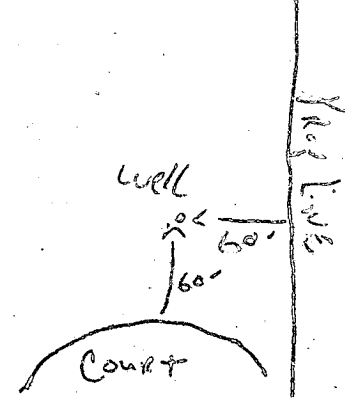
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)  29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N  
CAPACITY:  
GALLONS PER MINUTE (TO NEAREST GALLON) 31 35  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT

+ ABOVE } LAND SURFACE (NEAREST FOOT)  
 - BELOW } 2  
49 50 51

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 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 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 RALPH MAIWE  
(PLEASE PRINT) Ralph Maiwe  
SIGNATURE

Williams Contrivance Estates  
 Section 2 Plat No. 3643

Area to be conveyed  
 from Lot 9 to Lot 8  
 is 10,290.08 Sq. Ft. or  
 0.236 Acre

Area to be conveyed  
 from Lot 8 to Lot 9  
 is 10,290.18 Sq. Ft. or  
 0.236 Acre

ELLSWORTH COURT

GRID NORTH

Stanley Martin  
 386/759

Wm. Beach  
 503/128

Hiram Walter  
 220/313

LOT 18  
 2.123 Ac.  
 (92,477.88 Sq. Ft.)

LOT 19  
 2.187 Ac.  
 (95,286 Sq. Ft.)

E 817.500  
 N 478.000

N 08° 24' 41" E  
 731.58  
 25.35  
 N 08° 24' 41" E  
 110.00  
 R. 50.00  
 55.00

N 74° 34' 00" E  
 225.01

N 74° 43' 16" E  
 204.53

124.38  
 360.00

N 08° 24' 41" E  
 110.00

20' Bldg. Restriction Line

S 15° 14' 05" E  
 235.62

N 87° 56' 50" W  
 252.68

218.11  
 S 77° 01' 23" W

N 77° 23' 05" W  
 128.00

5

4

1

2

3

6

Estates

Contrivance

100