

STATE OF MARYLAND
 DEPARTMENT OF NATURAL RESOURCES
 WATER RESOURCES ADMINISTRATION
 TAWES OFFICE BUILDING, ANNAPOLIS, MARYLAND



PERMIT TO DRILL WELL

ISSUE DATE- 11/18/78
 MO DA YR

PERMIT NUMBER- HC-73-3069

ISSUED TO DRILLER-

MAYNE, JOSEPH L
 RT 2
 MT AIRY MD 21771

DRILLER

ID. NUMBER- 238

THE ABOVE NAMED DRILLER IS HEREBY AUTHORIZED TO DRILL A WELL
 TO BE OWNED BY-

KREBS, WILLIAM T
 3309 TURCOTTE LA
 BALTIMORE MD 21207

THIS WELL IS TO BE LOCATED IN HOWARD COUNTY,
 GEORGE STACK PROP SUBDIVISION, SECTION- A , LOT- 5 ,
 NEAR THE TOWN OF WEST FRIENDSHIP

THE WATER IS TO BE USED FOR A DOMESTIC SUPPLY.

THIS WELL WILL NOT REPLACE ANOTHER WELL.

SPECIAL CONDITIONS

FAILURE TO COMPLY WITH THE FOLLOWING CONDITIONS WILL CAUSE THIS PERMIT TO BECOME NULL AND VOID.

1. NOTIFY COUNTY HEALTH DEPT. 24 HOURS BEFORE GROUTING WELL.
2. LOCATE WELL AT LEAST 100 FT FROM ANY SEWAGE DISPOSAL SYSTEM.

THE ABOVE CONDITIONS FROM CODES ON APPLICATION

THIS PERMIT IS VALID UNTIL
 05/18/79. A WELL COMPLETION
 REPORT MUST BE SUBMITTED TO
 THE ADMINISTRATION WITHIN 30 DAYS
 AFTER COMPLETION OF THE WELL

HERBERT M. SACHS
 DIRECTOR, MARYLAND
 WATER RESOURCES
 ADMINISTRATION

B 1 4638 <small>1 2 3 (SEQ. NO.) 4</small> <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER HO-73-3069 <small>FILL IN THIS FORM COMPLETELY</small>
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DATE RECEIVED (WRA USE ONLY) NOV 17 1978	OWNER <u>Krebs</u> f. <u>William</u> <small>COL 19 LAST NAME FIRST NAME COL. 34</small> STREET OR RFD <u>3309 Tucote Lane Apt. 2A</u> <small>COL 38 COL. 55</small> POST OFFICE <u>Baltimore Md - 21207</u> <small>COL 37 COL. 76</small>
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B 1	CONTINUED	DRILLER INFORMATION <small>1 2 3 (SEQ. NO.) 4</small> DATE <u>Nov 13, 1978</u> LICENSE NUMBER <u>238</u> <small>77 80</small> <u>Joseph L. Mayne</u> <small>FIRST NAME DRILLER LAST NAME</small> SIGNATURE <u>Joseph L. Mayne</u>
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B 3	LOCATION OF WELL <small>1 2 3 (SEQ. NO.) 4</small> COUNTY <u>Howard</u> <small>(DO NOT ABBREVIATE COUNTY NAME) 21</small> SUBDIVISION <u>Henry's Stock Property</u> <small>23 42</small> SECTION <u>A</u> LOT <u>5</u> <small>44 46 48 50</small> NEAREST TOWN <u>West Friendship</u> <small>52 71</small> MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>1</u> <small>MI 75 77 78</small>
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B 2	WELL INFORMATION <small>1 2 3 (SEQ. NO.) 4</small> MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>5</u> <small>5 12</small> AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>750</u> <small>14 20</small>
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B 4	DIRECTION FROM TOWN <small>1 2 3 (SEQ. NO.) 4</small> <input checked="" type="radio"/> NORTH <input type="radio"/> EAST <input type="radio"/> NE NORTHEAST <input type="radio"/> SE SOUTHEAST <input type="radio"/> SOUTH <input type="radio"/> WEST <input type="radio"/> NW NORTHWEST <input type="radio"/> SW SOUTHWEST <small>5 8 8 9 8 9</small> NEAR WHAT ROAD <u>MD. 32</u> <small>11 NORTH SOUTH EAST WEST 30</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N <input type="radio"/> S <input type="radio"/> E <input type="radio"/> W <small>32 32 32 32</small> DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>400</u> <small>MI 34 37 38 39</small>
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USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY

PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL

TEST

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE) _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDEY

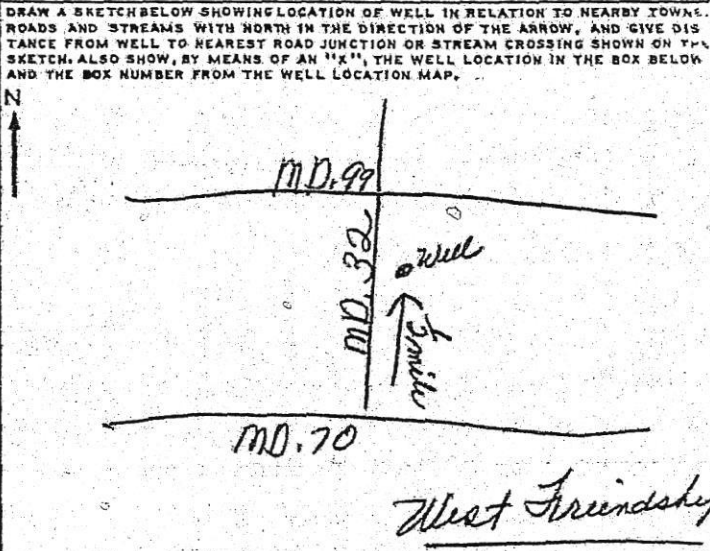
THIS WELL WILL DEEPEMED AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROPRIATION PERMIT NUMBER 84 ENGINEER REVIEW DISTRICT NO. 65

FORCE 57 WRITE INITIALS IN BOX 58 CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL <small>1 2 3 (SEQ. NO.) 4</small> COUNTY NAME <u>Howard</u> COUNTY NO. <u>W29232</u> <small>41 5</small> DATE <u>11 15 78</u> <small>43 40</small> APPROVED BY <u>Donald W. Monaghan</u> Donald W. Monaghan, Sanitarian
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B 4	CONTINUED	NORTH COORDINATE <u>5410000</u> <small>50 51 52 53 54 55</small> EAST COORDINATE <u>0810000</u> <small>57 58 59 60 61 62 63</small> ELEVATION AT WELL HEAD (FEET) <u>0/0</u> <small>65 66 67 68</small>
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B 5 SPECIAL CONDITIONS 8-69 (WRA USE ONLY)

A24986

ORIGINAL

SEQUENCE NO. (WRA USE ONLY)
5520

(SEQ. NO.)
 THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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)

DATE WELL COMPLETED

DEPTH OF WELL

(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

H10-73-3069

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO.

238

OWNER **Krebs**

LAST NAME

F. Williams

FIRST NAME

STREET OR RFD **3309 Turgott La - Apt. 2A**

POST OFFICE **Baltimore Md.**

WELL DESCRIPTION

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)

FEET

FROM TO

CHECK IF WATER BEARING

Sand & shale beds - Gray mica etc

0 86

86 205

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT C M BENTONITE CLAY B C

NO. OF BAGS **21** NO. OF POUNDS **1974**

GALLONS OF WATER **126**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM **0** FT. TO **40** FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

S T STEEL C O CONCRETE

P L PLASTIC O T OTHER

MAIN CASING TYPE **S H** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **89**

OTHER CASING (IF USED)

EACH CASING DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)

S T STEEL B R BRASS OR BRONZE H O OPEN HOLE

P L PLASTIC O T OTHER

DEPTH (NEAREST WHOLE FOOT) FROM TO

EACH SCREEN **H O** **89** **205**

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)

(PLEASE PRINT) **Joseph L. Mayne** (E.R.O.S.) **70** W O **74 75 76**

SIGNATURE **Joseph L. Mayne** TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

C 3

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) **2**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **8**

METHOD USED TO MEASURE PUMPING RATE **AM**

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING **55** (NEAREST FOOT)

WHEN PUMPING **205** (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

J JET S 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) 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 (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

+ ABOVE - BELOW LAND SURFACE **2** (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).

