

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
**TAMES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

WRA PERMIT NUMBER: **HO-75-2174**  
 FILL IN THE FORM COMPLETELY

**B 1** 1214 (REG. NO.)  
 DATE RECEIVED (PLEASE USE ONLY): **5/14/78 9:30 A.M.**

OWNER: **843-8163**  
 COL TO LAST NAME: \_\_\_\_\_ FIRST NAME: \_\_\_\_\_ COL. 51

STREET OR RFD: **48** COL 55 COL. 57

POST OFFICE: **240** COL. 57

**B 2** CONTINUED  
**DRILLER INFORMATION**

DATE: **5/10/78** LICENSE NUMBER: **42** COL. 58 COL. 59

FIRST NAME: **2. Kestelby** DRILLER: \_\_\_\_\_ LAST NAME: \_\_\_\_\_

SIGNATURE: **[Signature]**

**B 3** LOCATION OF WELL

COUNTY: **Howard** COL. 61

SUBDIVISION: **20** COL. 62

SECTION: **44** LOT: **48** COL. 63 COL. 64

NEAREST TOWN: **Lincolnton** COL. 65

MILES FROM TOWN (ENTER 0 IF IN TOWN): **1** COL. 66

**B 2** CONTINUED  
**WELL INFORMATION**

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): \_\_\_\_\_ COL. 67 COL. 68

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): **600** COL. 69

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 } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 PRIVATE WATER COMPANY }  
 TEST

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

DIR: **W** (WEST)  
 NEARBY: **114**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):  
 NORTH  SOUTH  EAST  WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): **400**

APPROXIMATE DEPTH OF WELL: **100** FEET

APPROXIMATE DIAMETER OF WELL: **6** (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

POWER SOURCE:  JETTED  DRIVEN

DRILL TYPE:  AIR-ROTORARY  AIR-CIRCULAR  ROTARY (HYDRAULIC ROTARY)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (SPECIFY): \_\_\_\_\_

REPLACEMENT OR DEEPENED 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 STANDBY

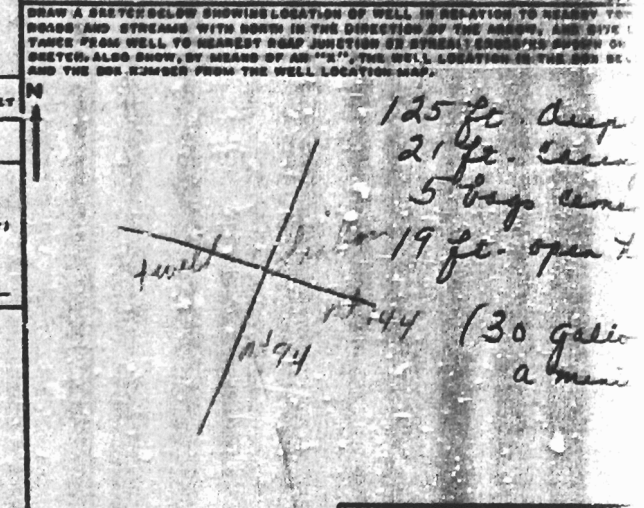
THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT GRANTED BY WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

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

APPROPRIATION PERMIT NUMBER: \_\_\_\_\_

ENGINEER REVIEW DISTRICT NO.: \_\_\_\_\_

FORCE: \_\_\_\_\_ CONDITIONS: **A E S W C L U**



**B 4** CONTINUED  
**HEALTH DEPARTMENT APPROVAL**

DATE: **5/17/78**

COUNTY NAME: **Howard** COUNTY NO.: **W27847**

APPROVED BY: **Palmer F. Lane**

BOX NUMBER: **770** (E) **540** (N)

NORTH COORDINATE: **45** COL. 71 COL. 72 COL. 73 COL. 74

EAST COORDINATE: \_\_\_\_\_ COL. 75 COL. 76 COL. 77 COL. 78

**B 5** SPECIAL CONDITIONS (SEE INSTRUCTIONS)

\_\_\_\_\_ COL. 79 COL. 80 COL. 81 COL. 82 COL. 83 COL. 84 COL. 85 COL. 86 COL. 87 COL. 88 COL. 89 COL. 90

DATE RECEIVED (THIS DATE ONLY) \_\_\_\_\_ DATE WELL COMPLETED 5/4/78  
DEPTH OF WELL 125 FEET (TO NEAREST FOOT) 20  
DRILLER IDENTIFICATION NO. 42

OWNER HARPER STAPLES  
LAST NAME  
STREET OR RFD 4767 Upton Ct. POST OFFICE WALPOLE MD.

WELL LOG	FEET		CHECK WATER BLOWING
	FROM	TO	
TOP SOIL	0	3	
SHALE	3	10	
Brown slate	10	60	
Blue slate	60	125	

**GRouting RECORD**  
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  
TYPE OF GROUTING MATERIAL (CIRCLE BOX)  
CEMENT  CM GYPSUM  G  
NO. OF BAGS 5 NO. OF POUNDS 500  
GALLONS OF WATER 25  
DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
FROM 0 FT. TO 19 FT.  
(ENTER 0 IF FROM SURFACE)

**CASING RECORD**  
CASING TYPE (INSERT APPROPRIATE CODE BELOW)  
STEEL  ST CONCRETE  CO  
PLASTIC  PL OTHER  OT  
MAIN CASING TYPE ST DIAMETER (INCH) 6 DEPTH (FEET) FROM 0 TO 21  
SUB CASING TYPE \_\_\_\_\_ DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**  
SCREEN TYPE (INSERT APPROPRIATE CODE BELOW)  
STEEL  ST CLEAR OPEN HOLE  HO  
PLASTIC  PL OTHER  OT  
DIAMETER OF SCREEN 1 1/2 (NEAREST INCH) FROM \_\_\_\_\_ TO \_\_\_\_\_

**PUMPING TEST**  
WELLS PUMPED (TO NEAREST FOOT) 2  
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 70  
WATER LEVEL (DISTANCE FROM GROUND SURFACE)  
SURFACE PUMPING 46 FEET  
WELL PUMPING 125 FEET  
TYPE OF PUMPS USED (CIRCLE APPROPRIATE FOR EACH PUMPING TEST)  
AIR  A MOTOR  M TURBINE  T  
ELECTRICAL  C ROTARY  R STEEL  S  
JET  J SUBMERSIBLE  S

**PIPE INSTALLED**  
TYPE OF PIPE (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE) A, B, C, D, E, F, G, H  
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) - (APPROX)  
GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_  
PUMP HORSEPOWER \_\_\_\_\_  
PUMP CORD LENGTH (NEAREST FOOT) \_\_\_\_\_  
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
ABOVE  H SURFACE \_\_\_\_\_ FEET  
BELOW  B \_\_\_\_\_ FEET

**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.  
DRILLER NAME  
PLEASE PRINT L. F. EASTERDAY  
SIGNATURE L. F. Easterday

**LOCATION OF WELL ON LOT**  
SHOW PERMITS, STRUCK THE BOUND AS SHOWN IN THE PLAN, AND/OR OTHER SURVEYING MAPS AND INDICATE BY LINES THE TWO DISTANCES MEASURED TO THE WELL.  
HOUSE  
20' to well