

05-381746

Approved: 4-3/81 9/12/72 W.P.C. 0 c.B.D.  
SG Kiel

P 27783  
A 23986

SYSTEM TO BE INSTALLED FIRST  
BEFORE BUILDING PERMIT IS  
SIGNED.

# PERMIT

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 4/10/78

4/3/81  
house connection  
10/15/78  
8/15/78

35593

INDEXED

Costello Builders IS PERMITTED TO INSTALL  ALTER

ADDRESS 2201 Route 94, Woodbine, Md. PHONE 13150 Holly Lock home per plan

SUBDIVISION Highland Lake ROAD Prestwick Drive LOT 31, Sec. 1

PROPERTY OWNER Costello Builders GERTUDE VENABLE

ADDRESS same as above

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

DRY WELL- to have 160 sq. ft. effective absorbent sidewall area below inlet. Inlet to be 4 1/2 ft. below original grade and maximum depth 11 ft. LOCATION PER ENGINEER'S PLAT. If dry well and trench are used, need a 5 ft. earth buffer between dry well and trench.

PLANS APPROVED BY D.W.M./ Charles Streaker DATE \_\_\_\_\_

- 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 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

PLG. PERMIT SIGNED  
AND RETURNED 11/22/94  
Serial # 57257  
replace & construct  
Wall sign

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

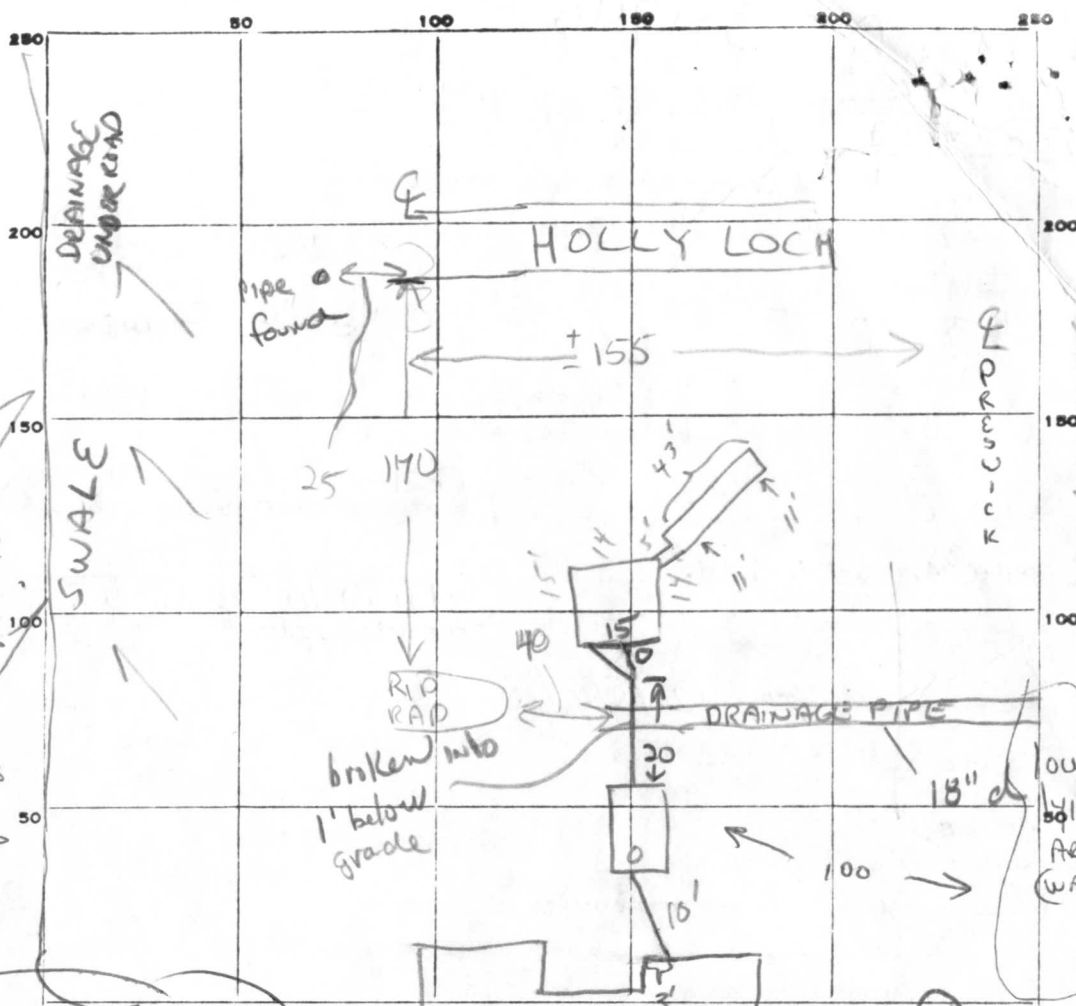
HD - 23  
11/9/79 site inspection  
stop work - storm drain still between tank + dry well  
and other items unapproved per George Keller until removed. 4/10/78  
C.B.D.

A23986

lot #31

Kevin Smith

Castello



160  
+4  
640

58.5  
+6.5  
2925  
3510  
38025

Highland Road

SWALE

pipe found

25 170

RIP RAP

broken into  
1' below grade

DRAINAGE PIPE

LOW LYING AREA (WATER)

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

HIGHLAND

PERMIT CARD

phone - Castello  
No ~~816-8116~~ (#31)

SEPTIC TANK, LEVEL

Yes (digger had)

CLEANOUTS

S.T. P.W.  
✓ ✓

CAST IRON

DISTRIBUTION BOX, LEVEL

N/A

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH - FT.

GRAVEL DEPTH 6 IN. TOTAL LENGTH 43 FT.

258

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA -

SEEPAGE PITS, INSIDE DIAMETER 58.5 FT. DEPTH BELOW INLET 6 1/2 FT.

±380

ABSORBENT AREA ±638 ± SQ. FT.

{ 7/12/78 D-pth of dry well 11 }

REMARKS

7/12/78 Trench + dry well excavated only this date.  
{ Note first time sewer house plans was on site } Partial C.P.

15 Aug 78 - Hold for review; drainage pipe (GLK) All other OK. Need  
house connection. (GLK) OK to backfill dirt + trench. Call when

→ drainage pipe situation is corrected. (GLK) 45 Aug 79 - Same situation as on

15 Aug in addition, no cleanout plugs, ST 2/3 water, one dry. Drainage pipe open & broken (GLK)

DATE SYSTEM APPROVED

4/3/81

INSPECTOR

Stephen G. [Signature]

WICK

HIGHLAND LAKES - Sec 1 - ~~Sec~~ Lot 31

28 MAR 79 - Letter marked. (GLK)

6 JUNE 79 Field inspection at site as requested by Costello:

DRAINAGE: - pipe repaired and is still directed  
over drywell inlet  
- Rip-Rap as indicated on sheet may  
be in per area

SEPTIC TANKS: - No cleanout plug  
-  $\frac{1}{4}$  full with water  
- 2" of silt

DRYWELL: - No cleanout plug  
- A minimum of  $1\frac{1}{2}'$  of silt  
(5' cleanout, 5' below cleanout to  
bottom - inspection of 4 Aug 78  
indicated  $6\frac{1}{2}'$  below bottom.)

Informed Kevin Smith of Costello that inspection must be  
Reviewed and:

- ~~storm~~ storm drainage pipe may be  
rerouted

see plat  
for location  
(last sheet)

- septic tank pumped out

- drywell lid taken off to determine  
damage

- trench to be added regardless

- cleanout plugs

(GLK)

# APPLICATION

A 23986

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 Fifth

DATE 9/15/76

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. Walter Bucher

ADDRESS Highland Partnership  
8777 First Avenue PHONE (8) 588 3100  
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 36 <sup>New</sup> <sub>33</sub>

ROAD AND DESCRIPTION Prestwick Drive

SIZE OF LOT one acre m/1 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/ Mr. Walter Bucher

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

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

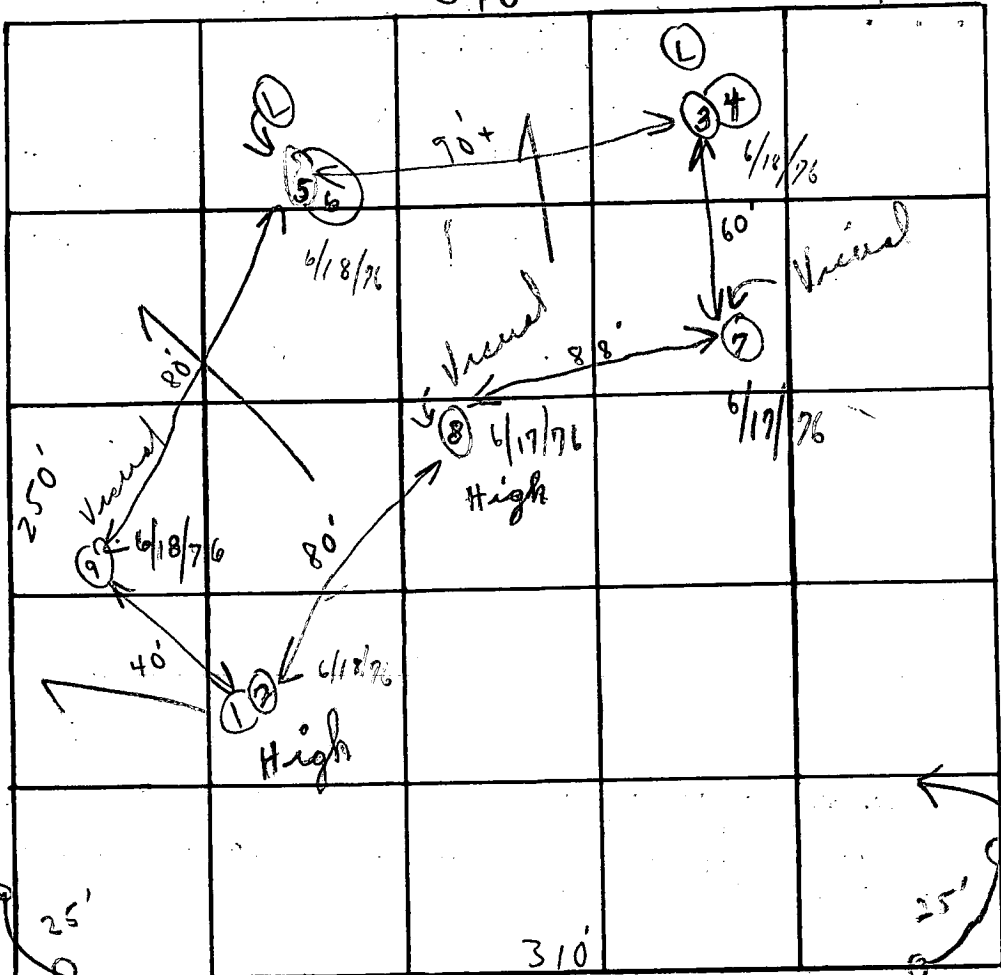
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

310'

Haystack Road



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Prestwork

170  
40  
31  
New # 33 (old 46)  
160 yft.

Soil Profile  
1-4' clayst  
8' loam  
1-3' clayst  
9' loam  
1-2 1/2' clayst  
8' loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/18/76	1	4 1/2'	10:00	10:01	10:01	10:04	3m
	2	12'	10:00	10:01	10:01	10:04	3m
	3	3'	10:10	10:12	10:12	10:15	3m
	4	12'	10:10	10:11	10:11	10:13	2m
	5	2 1/2'	10:16	10:18	10:18	10:21	3m
	6	10 1/2'	10:17	10:19	10:19	10:23	4m
6/17/76	7	13'	Visual	9-13	1-4' clayst 9' loam	6/18	
6/17/76	8	13'	Visual	4 1/2'-13'	1-4 1/2' clayst 8 1/2' loam		
6/18/76	9	12'+	Visual	4 1/2'-12'	1-4 1/2' clayst sandy loam		

3 min  
3 min  
Sun stone in place  
Can be used for site

REMARKS: 6 holes New # 36 1/8 Field located poles by 2 Visuals 6/17/76  
 TYPE OF SOIL: Open field Sandy loam below clay  
 TESTED BY: C.B.S. ALSO PRESENT: 4 Ketterman

**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 COMPLETE

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER A23986

C 1 9295 SEQUENCE NO. (WRA USE ONLY)

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

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 12 27 77

DEPTH OF WELL

250 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-29-2958  
28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 211

OWNER: LAST NAME POSTELLO FIRST NAME BADJ  
STREET OR RFD ROUTE #2 BOX 2201 POST OFFICE WOODBINE MD.

**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

BROWN SHALE 0 37  
BLUE SANDSTONE 37 135  
BLUE SLATE 135 140  
SANDSTONE 140 250  
FLINT 740 250

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  BENTONITE CLAY

NO. OF BAGS 50 NO. OF POUNDS 752

GALLONS OF WATER \_\_\_\_\_

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 48 FT. TO 54 FT. (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
PLASTIC  OTHER

MAIN CASING TYPE S NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 72

**OTHER CASING (IF USED)**

DIAMETER (INCH) DEPTH (FEET) FROM TO

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
PLASTIC  OTHER

C 2 (SEQ. NO.)

DEPTH (NEAREST WHOLE FOOT) FROM TO

1 8 9 11 15 17 21  
2 \_\_\_\_\_  
3 \_\_\_\_\_

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 60 TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_  
IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

C 3 (SEQ. NO.)

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3

METHOD USED TO MEASURE PUMPING RATE ROTARY

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 17 (NEAREST FOOT) 45

WHEN PUMPING 22 (NEAREST FOOT) 245

TYPE OF PUMP 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) 31

PUMP HORSE POWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE  BELOW  LAND SURFACE (NEAREST FOOT) 50

**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
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

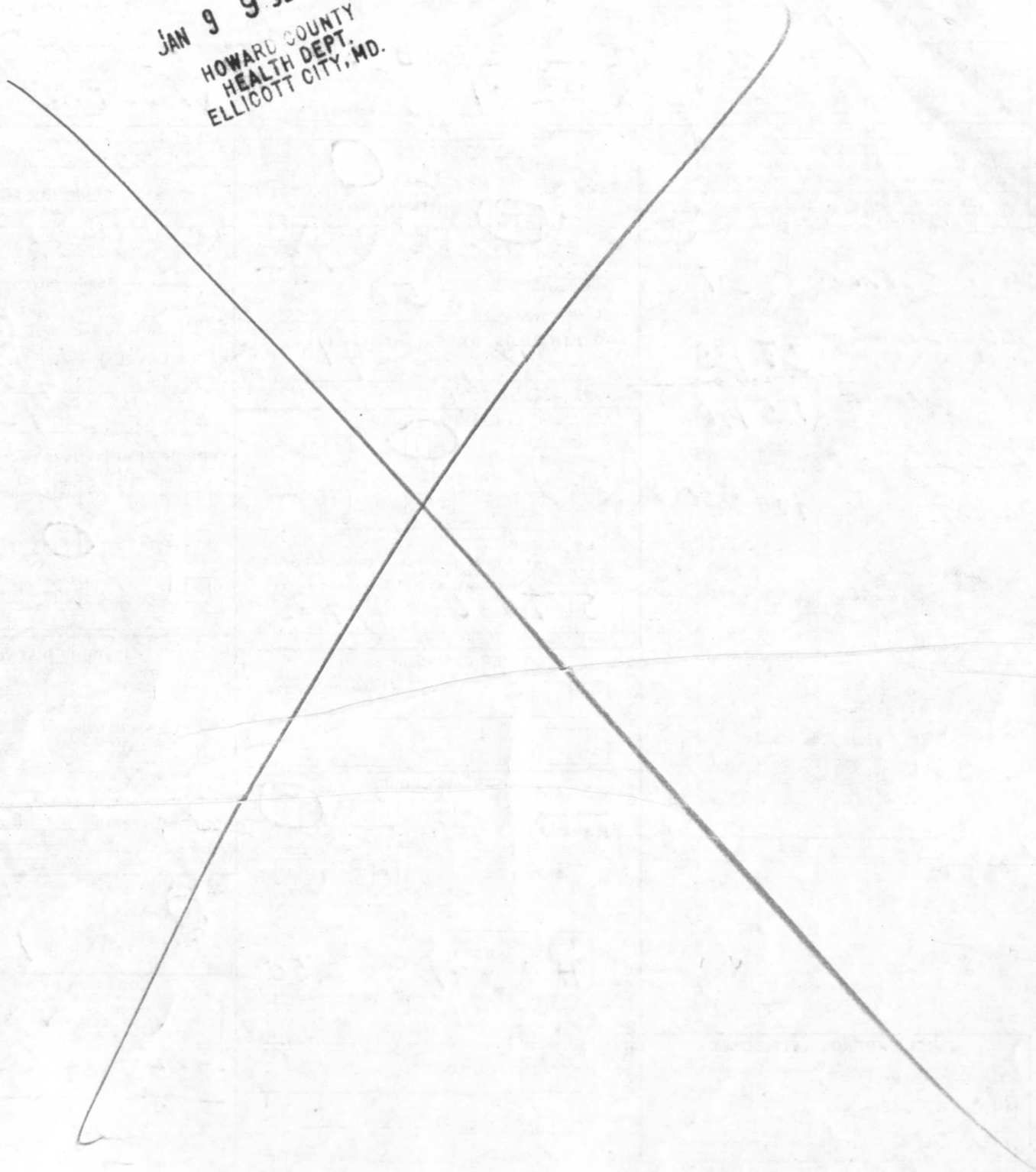
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME G.A. CROMWELL  
SIGNATURE G.A. CROMWELL

RECEIVED

JAN 9 9 32 AM '78

HOWARD COUNTY  
HEALTH DEPT.  
ELLCOTT CITY, MD.



ONE 21