

7/11/78  
7/17/78  
~~7/14/78~~  
~~board~~  
~~map~~

# PERMIT

P 28154

A 27769

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 6/6/78

INDEXED

OS - 354404

William Hopkins IS PERMITTED TO INSTALL X ALTER

ADDRESS 2724 Jennings Chapel Road, Woodbine, Md. 21797 PHONE 489-4711

SUBDIVISION Hopkins Mead ROAD 7441 Oakcrest Road LOT 1

PROPERTY OWNER Mr. Rolland McKibbin

ADDRESS 6930 Carroll Avenue, Washington, D.C. 20012

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 X ABSORBENT SIDE-WALL AREA 240 SQ. FT. total sidewall area in dry well.

INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 160 FT. FROM front LOT LINE AND 20 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Oakcrest Lane.

Trench to be 85 ft. long for a total sidewall area of 424 sq. ft. (one side only).  
Inlet at 3 1/2 ft. and maximum depth 10 ft. below original grade. Effective depth begins at 4 ft. below original grade. Trench to follow the land's contour and run parallel to Oakcrest Lane in the direction of the right lot line as seen from Oakcrest Lane.

PLANS APPROVED BY Hal Benson & Frank Skinner DATE 1/3/76 & 1/10/78

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 TERRAZO ACCEPTED.

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

A 27769



12/30/76  
1:30pm

# APPLICATION

A 25081

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

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

DATE 12/29/76

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 W. C. Hulbert Property (Bruce P. Millner, Contract Purchaser)

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION (Hopkins Mead) LOT NO. B 1

ROAD AND DESCRIPTION 7441 Oakcrest Lane (end of road)

SIZE OF LOT 140' by 315' by 140' by 315' TYPE BLDG. \_\_\_\_\_ NUMBER OF BEDROOMS 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

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

SIGNATURE OF APPLICANT /s/ Bruce P. Millner

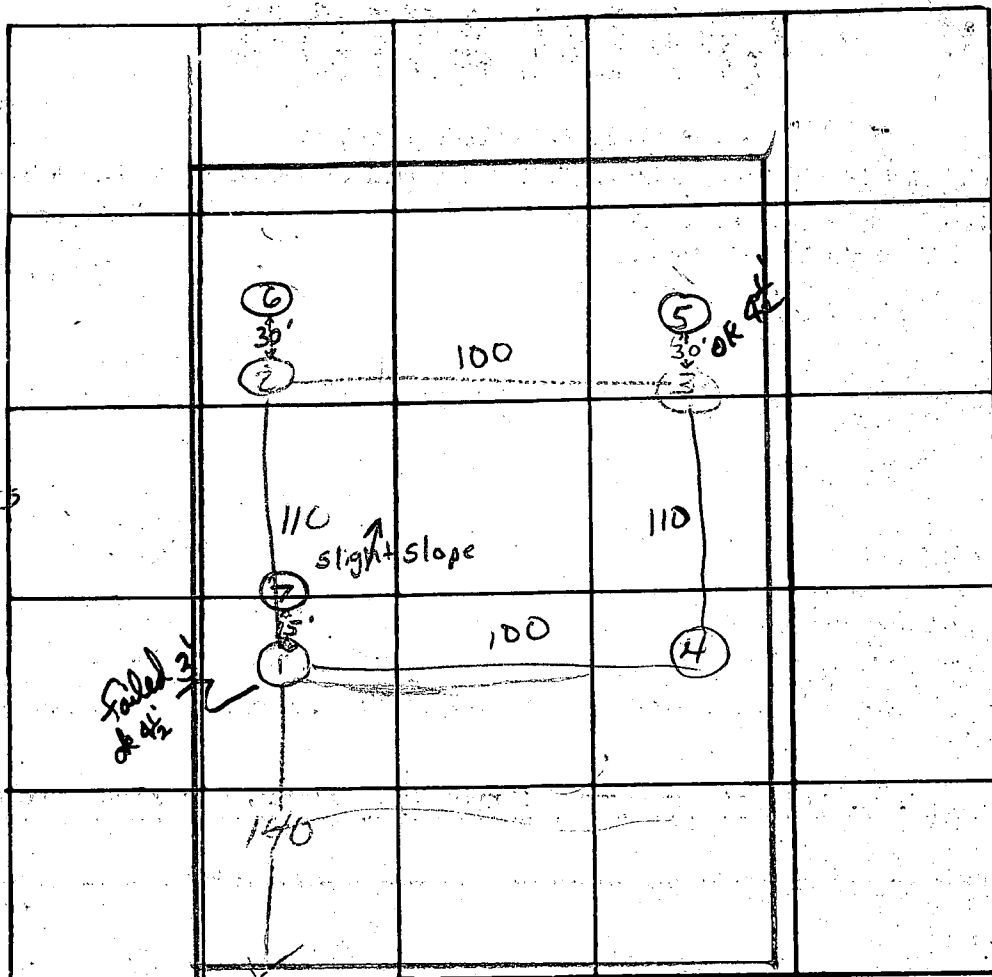
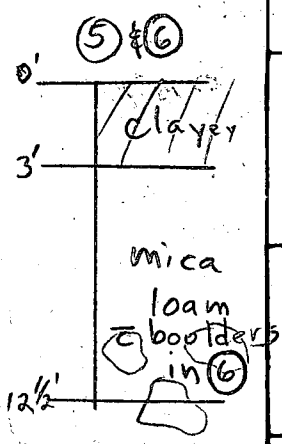
APPROVED BY [Signature] FOR [Signature] DATE 1-10-78  
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS hal hanson DATE 1-3-76

REASONS FOR REJECTION OR HOLDING Final plat & water well install

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

7441 OAK CREST

| DATE          | TEST NO. | DEPTH   | PRE-WET |       | TEST - 1" DROP |       | TIME   |
|---------------|----------|---------|---------|-------|----------------|-------|--------|
|               |          |         | START   | STOP  | START          | STOP  |        |
|               | 3        | 3       | 12:35   | 12:35 | 12:35          | 1:15  | NO     |
|               | 1 D      | 12      | 12:35   | 12:53 | 12:53          | 1:20  | 27     |
|               | 2 S      | 2 1/2   | 12:50   | 12:55 | 12:55          | 1:00  | 5      |
|               | 2 L      | 12      | 12:50   | 12:55 | 12:55          | 1:00  | 5      |
|               | 3 L      | 3       | 1:03    | NO    | Perk           |       |        |
|               | 3 L      | 11 1/2  | 1:03    | 1:07  |                | 1:20  | 14     |
|               | 3 = 2    | 4 1/2   | 1:30    | 1:32  | 1:32           | 1:42  | 10     |
|               | 4 V      |         |         |       |                |       |        |
| S.F.S. 4/7/78 | 5        | 4'      | 9:57    | 10:00 | 10:00          | 10:03 | 3 min  |
|               | 5A       | 12 1/2' | 10:02   | 10:09 | 10:09          | 10:27 | 18 min |
|               | 6        | 2 1/2'  | 10:34   | 10:37 | 10:37          | 10:43 | 6 min  |
|               | 6A       | 11 1/2' | 10:34   | 10:40 | 10:40          | 10:49 | 9 min  |
|               | 1 S R    | 4 1/2   | 1:09    | 1:17  |                | 1:35  | 18     |
|               | 7        | 12'     |         |       |                |       |        |

14 MIN

Perk

S.F.S.

79

REMARKS

TYPE OF SOIL

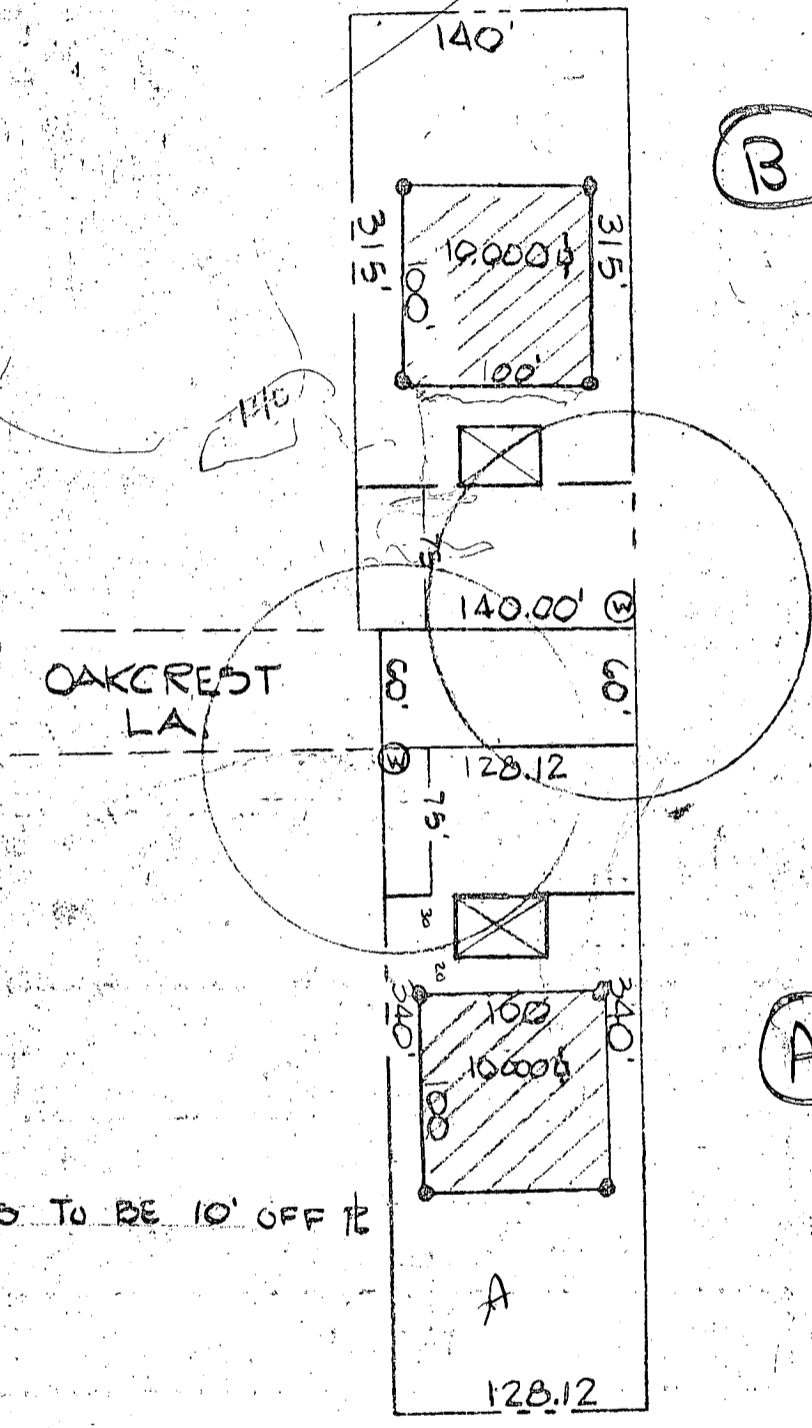
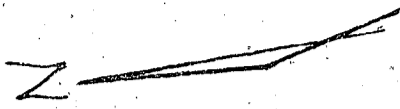
mica loam below top 2-3' clayey soil

TESTED BY

H.B. F.S.

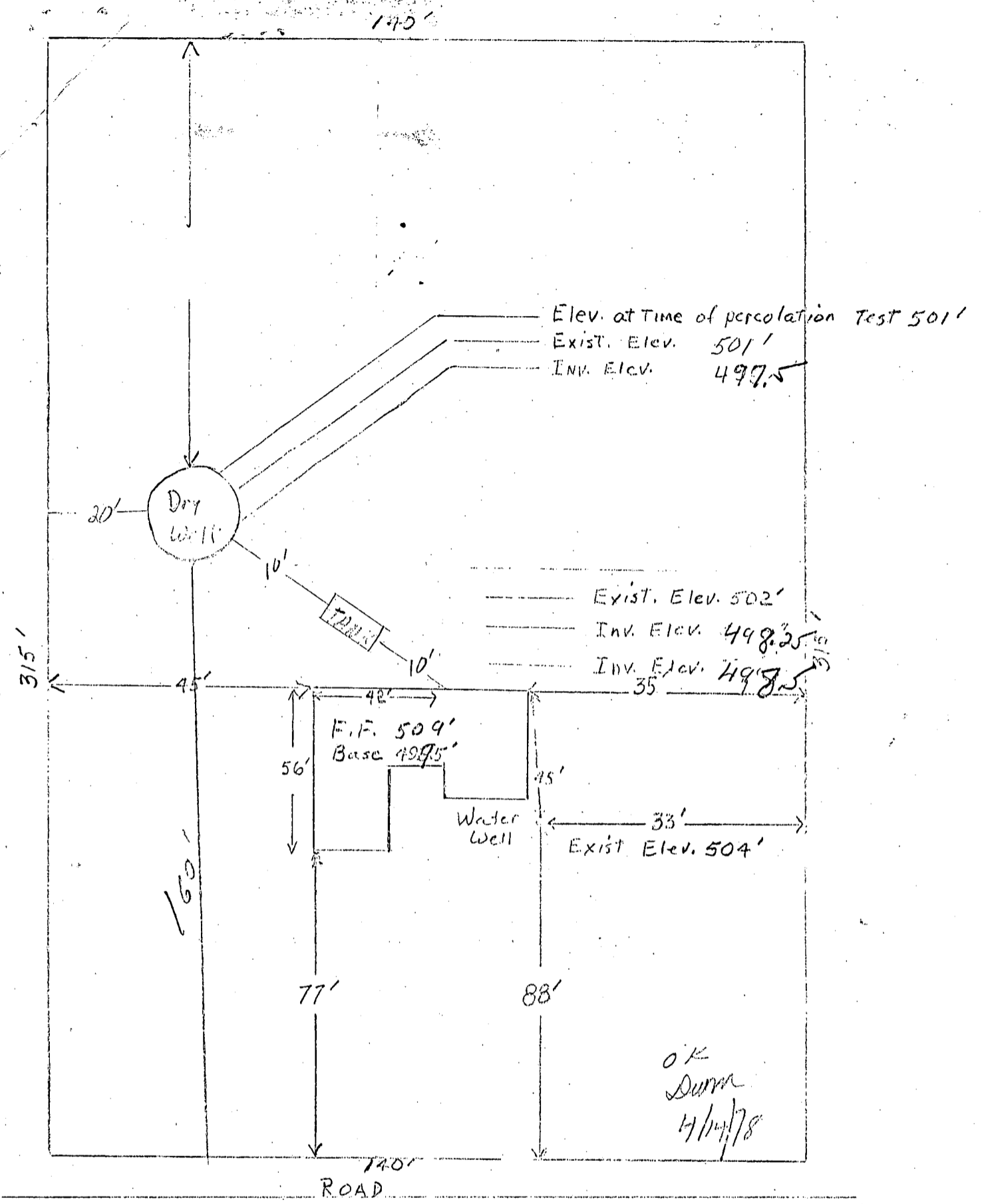
ALSO PRESENT:

Scheel's crew & D. Rush on 4/7/78



NOTE: WELLS TO BE 10' OFF TB

|                             |                |                |              |  |
|-----------------------------|----------------|----------------|--------------|--|
| TITLE: PERC. TEST PLAT      |                |                |              | ENGINEERING<br>PLANNING<br>SURVEYING<br>BY<br><b>BOENDER<br/>ASSOCIATES<br/>INC.</b><br>ELLICOTT CITY, MD. 21043<br>SALISBURY, MD. 21801<br>301-465-7777 |
| PROJECT: W. C. HULBERT PROP |                |                |              |  |
| LOCATION: 5th DISTRICT      |                |                |              |  |
| DATE: DEC 76                | DES. BY: —     | DRAWN BY: B    | CHKD BY: JAB |  |
| SCALE: 1" = 100'            | JOB NO.: 76256 | DRWG. NO.: 1-1 |              |  |



O.K.  
 Dunn  
 4/14/78

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED: Rolland S. McKibbin

**B 1** 1246 SEQUENCE NO. (WRA USE ONLY)

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

WRA PERMIT NUMBER  
**HO-73-2689**  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)  
 4/24/78  
 10:00 a.m.  
 1st

OWNER: McKibbin Roland  
 COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD: 6930 Carroll Ave.  
 COL 36 COL. 55

POST OFFICE: Washington, D.C. 20012  
 COL 57 COL. 76

**B 1** CONTINUED **DRILLER INFORMATION**

DATE: March 27-78 LICENSE NUMBER: 42  
 77 80

FIRST NAME: J F Eastwood DRILLER LAST NAME

SIGNATURE: J F Eastwood

**B 3** LOCATION OF WELL

COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION: Howard Mesa 42

SECTION: 6 LOT: 1  
 44 46 48 50

NEAREST TOWN: Laurelville 71

MILES FROM TOWN (ENTER 0 IF IN TOWN): 3 MI 76 77 78

**B 2** WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5  
 8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 600  
 14 20

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)

NORTH  EAST  NORTHEAST  SOUTHEAST

SOUTH  WEST  NORTHWEST  SOUTHWEST

NEAR WHAT ROAD: John Hopkins

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

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 2000 FT MI 34 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

AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)

CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (DESCRIBE)

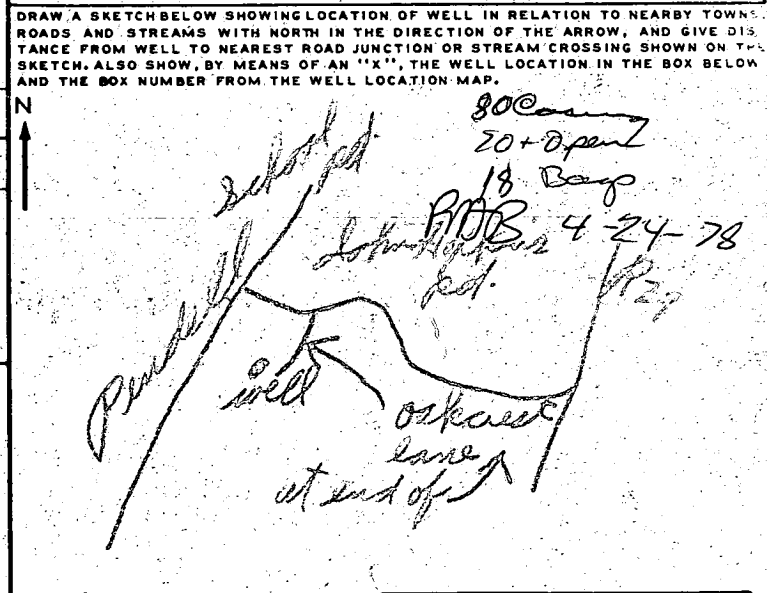
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)



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

APPROPRIATION PERMIT NUMBER: 54 ENGINEER REVIEW DISTRICT NO.: 69

FORCE: 67 WRITE INITIALS IN BOX: WCE CONDITIONS: 68

BOX NUMBER: 820 480

NORTH COORDINATE: 49000  
 50 51 52 53 54 55

EAST COORDINATE: 06-0000  
 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET): 65 66 67 68 0/0 5/0

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

STATE HEALTH (CIRCLE BOX): 5 COUNTY NAME: Howard COUNTY NO.: 27718

DATE: 032778 MO. DAY YR.

APPROVED BY: D. W. Monaghan, Sanitarian

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

1 2 3 (SEQ. NO.) 6

C 1 **3542** 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, 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) 4/24/78 DEPTH OF WELL 260 PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-2689

DATE WELL COMPLETED 4/24/78 (TO NEAREST FOOT) 26

8-13 15 20 DRILLERS IDENTIFICATION NO. \_\_\_\_\_

OWNER McKIBBIN ROLLAND LAST NAME FIRST NAME

STREET OR RFD 6730 CARROLL AVE POST OFFICE Washington, DC, 20012

**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   |                        |
| CLAY   | 2    | 7   |                        |
| SHALE  | 7    | 14  |                        |
| BROWN SLATE                                      | 12   | 65  | ✓                      |
| SAND STONE                                       | 65   | 80  |                        |
| BROWN SLATE                                      | 80   | 90  |                        |
| MICA   | 90   | 130 |                        |
| BROWN SLATE                                      | 130  | 133 | ✓                      |
| MICA   | 133  | 210 |                        |
| BROWN SLATE                                      | 210  | 215 | ✓                      |
| MICA   | 215  | 260 |                        |

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE "BOX")

CEMENT  M BENTONITE CLAY  BC

NO. OF BAGS 18 NO. OF POUNDS 1800

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 70 FT.

**CASING RECORD**

CASING TYPES

INSERT APPROPRIATE CODE BELOW

STEEL  S  T CONCRETE  C  O

PLASTIC  P  L OTHER  O  T

MAIN CASING TYPE  S  T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 98

**OTHER CASING (IF USED)**

DIAMETER (INCH) DEPTH (FEET) FROM TO

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

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

PLASTIC  P  L OTHER  O  T

**SCREEN**

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM 98 TO 260

1 10 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 60 TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  68  F

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

T  70 LOG INDICATOR  72

W O  74  75  76 OTHER DATA AVAILABLE

**PUMPING TEST**

1 2 3 (SEQ. NO.) 6

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 60 (NEAREST FOOT)

WHEN PUMPING 260 (NEAREST FOOT)

TYPE OF PUMP 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)  29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_ 31 \_\_\_\_\_ 35

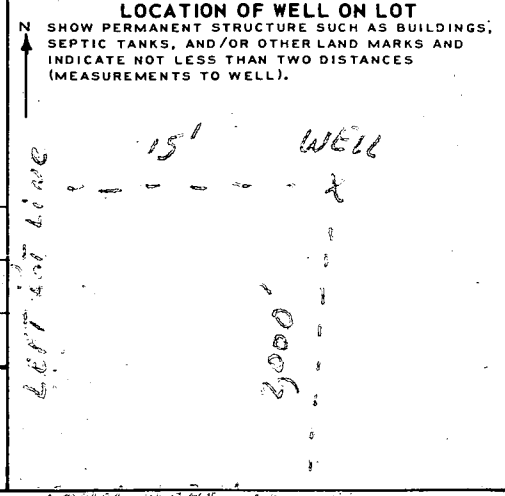
PUMP HORSE POWER \_\_\_\_\_ 37 \_\_\_\_\_ 41

PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_ 43 \_\_\_\_\_ 47

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT)

BELOW } \_\_\_\_\_ 49 \_\_\_\_\_ 51



**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

(PLEASE PRINT) L. F. EASTERDAY

SIGNATURE L. F. Easterday

JOHN HOPKINS CO.