

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-2640~~ 313-2640

P 49791
A ~~02893~~ 25928
A REPAIR

DISTRICT 3rd

DATE 12/8/93

DATE SYSTEM ^{COMPLETE} APPROVED 12/1/93

INSPECTOR RH

INDEXED
03-282724

Jenkins Brothers _____ IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 7670 Smiths Private Road, Sykesville, Maryland 21784 PHONE 461-9282

SUBDIVISION Heritage Farms LOT 1 ROAD 12643 Howard Lodge Road

PROPERTY OWNER O'Connell, Ron

ADDRESS 12643 Howard Lodge Road
Sykesville, Maryland 21784

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - Replacement - septic tank - old one is filled with tree roots.
Call for inspection when tank is in place so that a sanitarian can approve the
location and size of new septic tank. 12/01/93

PLANS APPROVED BY _____ 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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO 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 OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

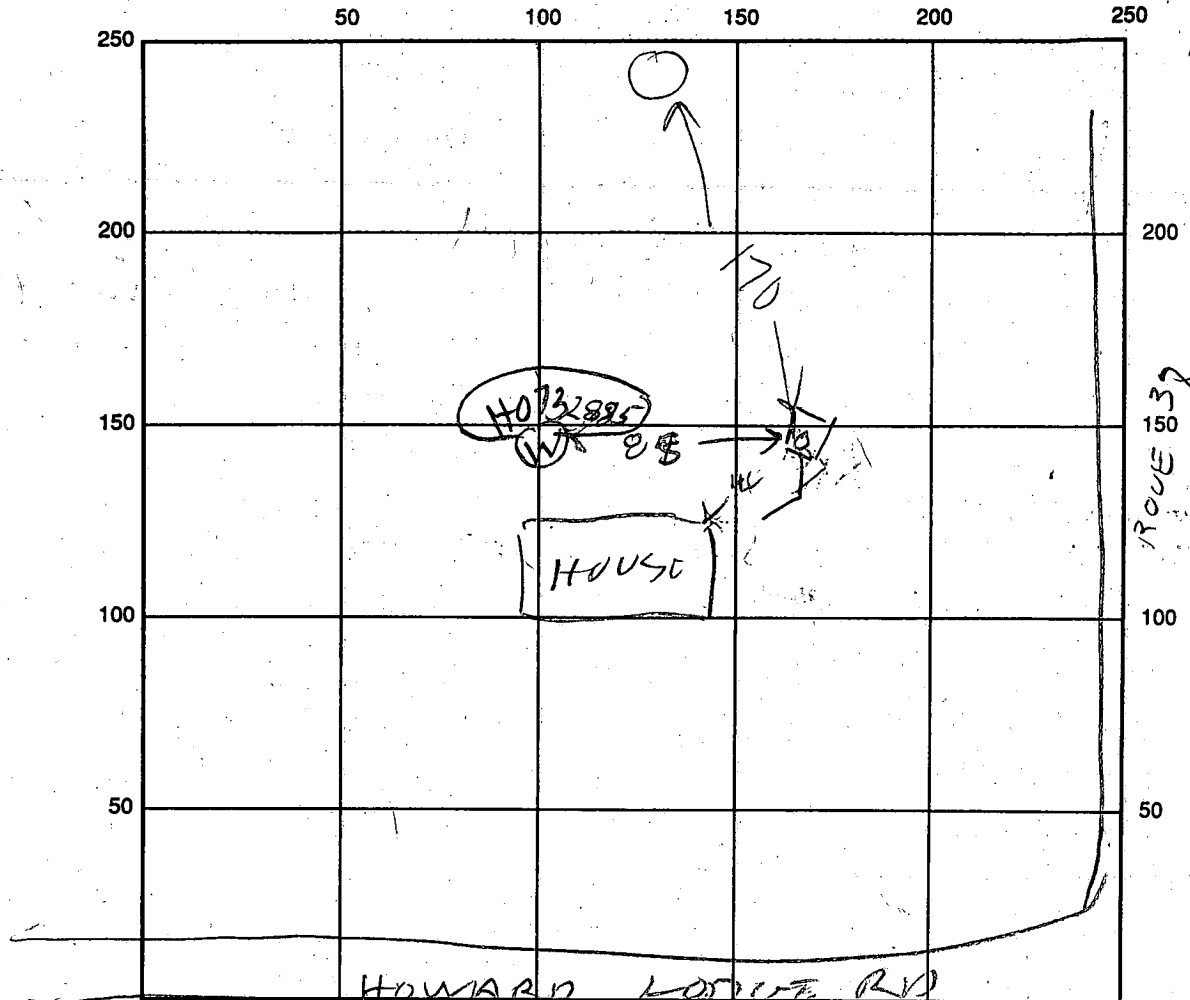
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A P49791

12-1-93
any time

9/12/308 / 1

HO 73 2885



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1000 CLEANOUTS MANHOLE & PIP

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 12/1/93 - No Ready, Old System Dry Well + Trench
OK B/P 12/1/93 O/C TO COVER TANK CONNCT
TANK TO OLD DRY WELL WITH NEW PIPE & CALL
(OLD CAST IRON PIPE CLOGGED UP)
OLD CONCRETE TANK WAS DAMAGED BY
TREE ROOTS AND CLEANOUTS BETWEEN TANK & DW
OK TO COVER PIPE BUT CLEANOUTS TO BE INSPECTED

DATE SYSTEM APPROVED COMPLETE 12/1/93 INSPECTOR R HODGES (CW)

- NO REMOVAL INSP REQUEST AS OF 7/27/95 - INDEX AS COMPLETE (CW)

170479 House connection needed ① P.C.O. 28976 10/13/78 C.B.J.

10/11/78
10/13/78
10/17/78

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

INDEX

ELLICOTT CITY
DISTRICT 3rd

DATE 10/4/78

Fred Dickson IS PERMITTED TO INSTALL ALTER

ADDRESS Route 144, Lisbon, Md. PHONE 442-1097

SUBDIVISION Heritage Farms ROAD 12643 Howard Lodge Drive LOT 1

PROPERTY OWNER Edward J. O'Connell

ADDRESS 6518 Carlinda Avenue, Ellicott City, Md. 21043 Phone: 997-8235

SPECIFICATIONS 4 bedrooms

5D10

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. absorbent sidewall area per bedroom.
INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE
EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
LOCATE DISPOSAL AREA 325 FT. FROM front LOT LINE AND 100 FT. FROM right LOT LINE AS SEEN WHEN
FACING LOT FROM River Road-Howard Lodge Road.

Trench to follow contour and run the necessary distance to make up total absorbent sidewall area in system.

PLANS APPROVED BY Donadd W. Monaghan & William W. Zepp DATE 8/29/78

- 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 TERRA COTTA ACCEPTED.

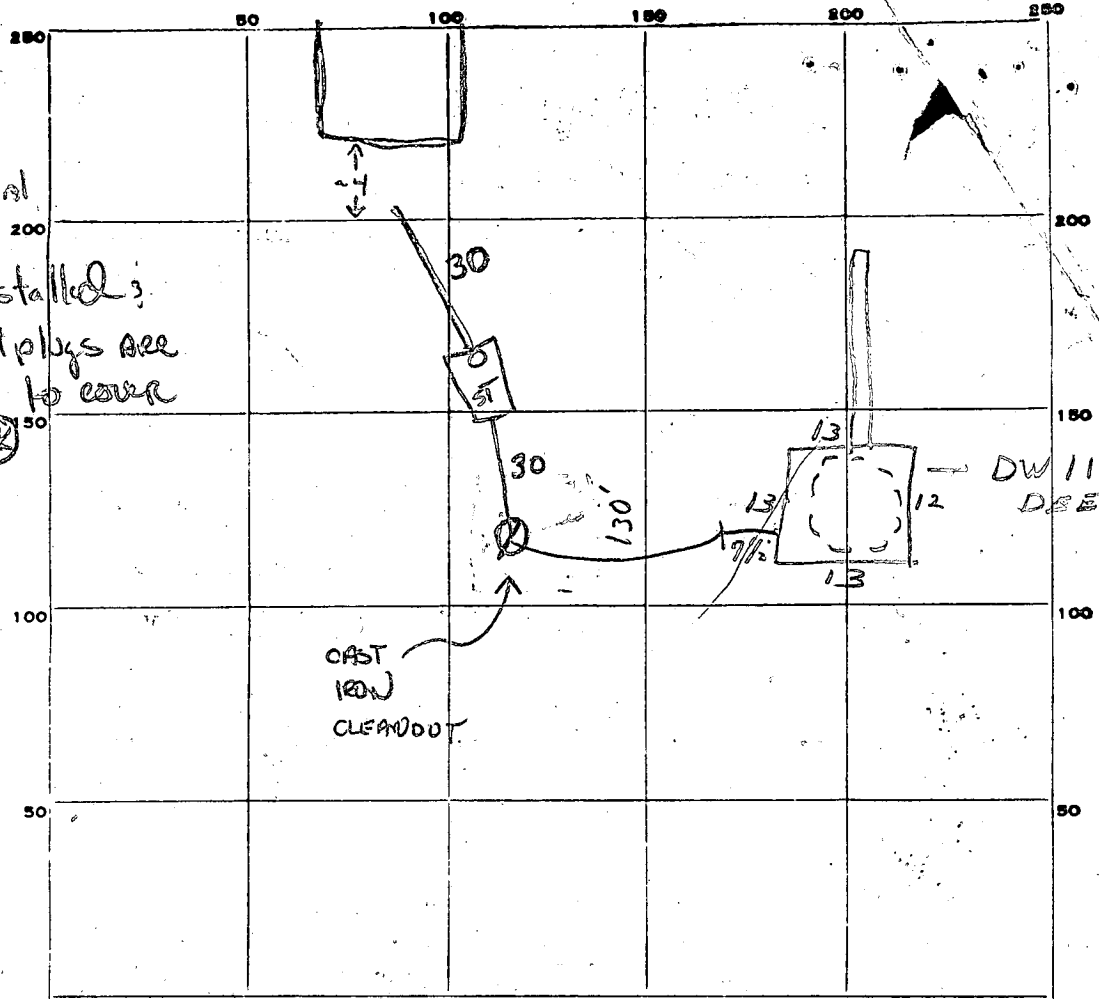
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 25928

170d78

Call for final
when hoose
connection installed;
when cleanout plugs are
added. OK to cover
system. (GLK)

51 RIVER RD



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD LARRY BREWSTER Yes - on site of blocks RT # 32 S.T. D.W.

SEPTIC TANK, LEVEL No 11/3/79 CLEANOUTS (1) No (2) No

DISTRIBUTION BOX, LEVEL N/A 10/13/78 C.B.D. 10/13/78 C.B.D.

TILE FIELD, DEPTH 11 1/2 FT. TRENCH WIDTH 2 FT. (3) 1/3/99 Cleanout not approved as dug well

GRAVEL DEPTH 7 IN. TOTAL LENGTH 60 FT. (1) 420

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 7.5

SEEPAGE PITS, INSIDE DIAMETER 51 FT. DEPTH BELOW INLET 382 FT. 802

ABSORBENT AREA 802 SQ. FT.

10-11-78
REMARKS BUFFER - 3 FT AT TOP, 6 FT. AT BOTTOM - WARNING GIVEN + OK TO
ADD GRAVEL TO TRENCH - CONTINUE WORK. 10/13/78 Packed only -
no cleanout at dug well. OK to trench - paper on to 3 1/2' wgs of grade
this date. Pipes in view from septic tank to house to septic
tank to dug well not connected at tank + not connected at house
+ not completed from dug well to septic tank. OK to cover trench only
Need cleanout in line at inlet of dug well from septic tank to dug well
1/3/79 system covered completely - hold for supervisor! C.B.D. + send letter 1/8/79 C.B.D.

DATE SYSTEM APPROVED _____ INSPECTOR _____

APPLICATION

A 25928

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3RD

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DATE MAY 23, 1977

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

*Sepic Tank. 3 bedrooms - 1000 gal
4 " " - 1250 gal
WWZ 9/6/79*

*Dry Well. 150 sq ft absorbent sidewall area per bedroom
to begin below the first 4 1/2 ft of orig inal grade. Max depth permitted for
dry well is 12 ft below orig. grade.*

*Place Dry Well 325' from front lot line and 100' from
right side as seen when facing lot from River Rd - Howard Lodge Rd*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

** if 2 dW are used - connection series & be 3" diameter
apart edge to edge. If dW + trench is used trench to
follow contour of ground & be inspected before
trawl is installed.*

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

PROPERTY OWNER JOHN BOTELER *Edward J. O'Connell*

ADDRESS 2515 THOMPSON DRIVE WEST FRIENDSHIP MD 21094 PHONE 247-0656
6518 Carlinda Drive, E.C., Md. 997-8235

PROPERTY LOCATION: _____
SUBDIVISION PROPERTY OF JOHN BOTELER (Heritage Farms) LOT NO. 1

ROAD AND DESCRIPTION MO. RTE 32 & RIVER RD. 12643 Howard Lodge Dr.

SIZE OF LOT 6 Acs ± TYPE BLDG. 30RA
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 Charles J. Conrad BLDG. PERMIT SIGNED 9/15/78
AND RETURNED Serial No. 37072

APPROVED BY WWZ FOR DWELL DATE 8/29/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WWZ DATE 6/21/77

REASONS FOR REJECTION OR HOLDING final plat w certified test holes.

THIS IS NOT A PERMIT

B 1 **8196** 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
40-70-8885
FILL IN THIS FORM COMPLETELY

DATE RECEIVED
 (WRA USE ONLY)

OWNER Lebling Richard
 COL 18 LAST NAME FIRST NAME COL. 34

STREET OR RFD 2977 Woodwick St.
 COL 36 COL. 55

POST OFFICE Ellicott City, Md. 21043
 COL 57 COL. 76

B 1 CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE 7/31/78 **LICENSE NUMBER** 40
 1 2 3 (SEQ. NO.) 6 7 8 9 10

FIRST NAME House Edward **DRILLER** House Edward **LAST NAME**

SIGNATURE House Edward

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION Iron Borella 23 42

SECTION 1 **LOT** 1 44 46 48 50

NEAREST TOWN Dyersville 52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 73 76 77 78

B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12

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

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

NEAR WHAT ROAD Rt 32 8 9 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N 32 S 32 E 32 W 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200 34 37 38 39

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

APPROXIMATE DEPTH OF WELL 200 FEET 24 28

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 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 **ENGINEER REVIEW DISTRICT NO.**

FORCE **WRITE INITIALS IN BOX** **CONDITIONS**

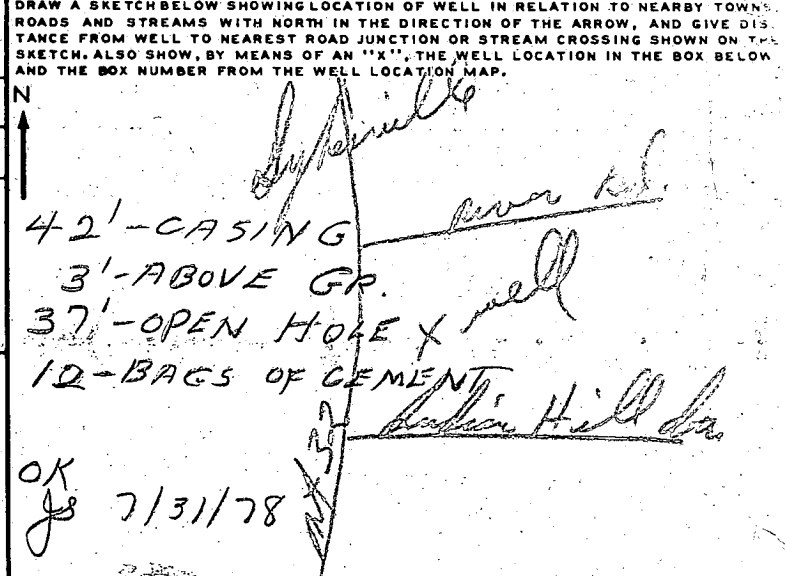
B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

STATE HEALTH (CIRCLE BOX) Howard COUNTY NAME 028851 COUNTY NO.

DATE 07/31/78 **APPROVED BY** Donald W. Monaghan

Donald W. Monaghan, Sanitarian



BOX NUMBER E 810 N 540

NORTH COORDINATE 545000
 50 51 52 53 54 55

EAST COORDINATE 0910000
 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET)
 65 66 67 68

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

1 2 3 (SEQ. NO.) 6

9834

SEQUENCE NO. (WRA USE ONLY)

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

2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

7/31/78 DATE WELL COMPLETED

DEPTH OF WELL

180 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-73-2825

DRILLERS IDENTIFICATION NO.

40

OWNER LERLING RICHARD LAST NAME

FIRST NAME

STREET OR RFD 2917 WOODWICK CT.

POST OFFICE ELLICOTT CITY, MD

WELL LOG

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

Table with 3 columns: Description, Feet (From, To), Check if Water Bearing. Rows include TOP SOIL, SHALY SANDSTONE, MICA, SANDSTONE, MICA, SANDSTONE, MICA.

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES [Y] NO [N]

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 14 NO. OF POUNDS 1400

GALLONS OF WATER 70

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 37 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW STEEL [ST] CONCRETE [CO] PLASTIC [PL] OTHER [OT]

MAIN CASING TYPE [ST] NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 42

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW STEEL [ST] BRASS OR BRONZE [BR] OPEN HOLE [HO] PLASTIC [PL] OTHER [OT]

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM 8 TO 180 TO 180

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"...

DRILLERS NAME

George F. Eastwood SIGNATURE

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 [F]

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

TELESCOPE CASING [T] LOG INDICATOR [L] OTHER DATA AVAILABLE [O]

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)

WHEN PUMPING 180 (NEAREST FOOT)

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

- AIR [A] PISTON [P] TURBINE [T] CENTRIFUGAL [C] ROTARY [R] OTHER [O] JET [J] SUBMERSIBLE [S]

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 [Y] NO [N]

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 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).

