

Approved (GLK)  
18 Sept 78

04-318382

4/13/78  
9/15/78 if possible  
if not 9/18/78

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

P 28693

A 24918

INDEXED

ELLICOTT CITY  
DISTRICT 4th

DATE 8/16/78

Harold Duvall IS PERMITTED TO INSTALL    &    ALTER   

ADDRESS Damascus, Md. PHONE 253-3504

SUBDIVISION    ROAD 16144 Ed Warfield Road LOT 17

PROPERTY OWNER Wayne Atwood

ADDRESS 18409 Wachs Terrace, Olney, Md. 20823

SPECIFICATIONS 3 bedrooms

805

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 125 SQ. FT. sidewall area per bedroom.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 40-75 FT. FROM left LOT LINE AND 273-290 FT. FROM front LOT LINE AS SEEN WHEN

FACING LOT FROM road. If trench is used in conjunction with dry well leave 5 ft. earth buffer between trench and dry well and run the necessary distance.

PLANS APPROVED BY Charles B. Streaker DATE 1/28/77

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.

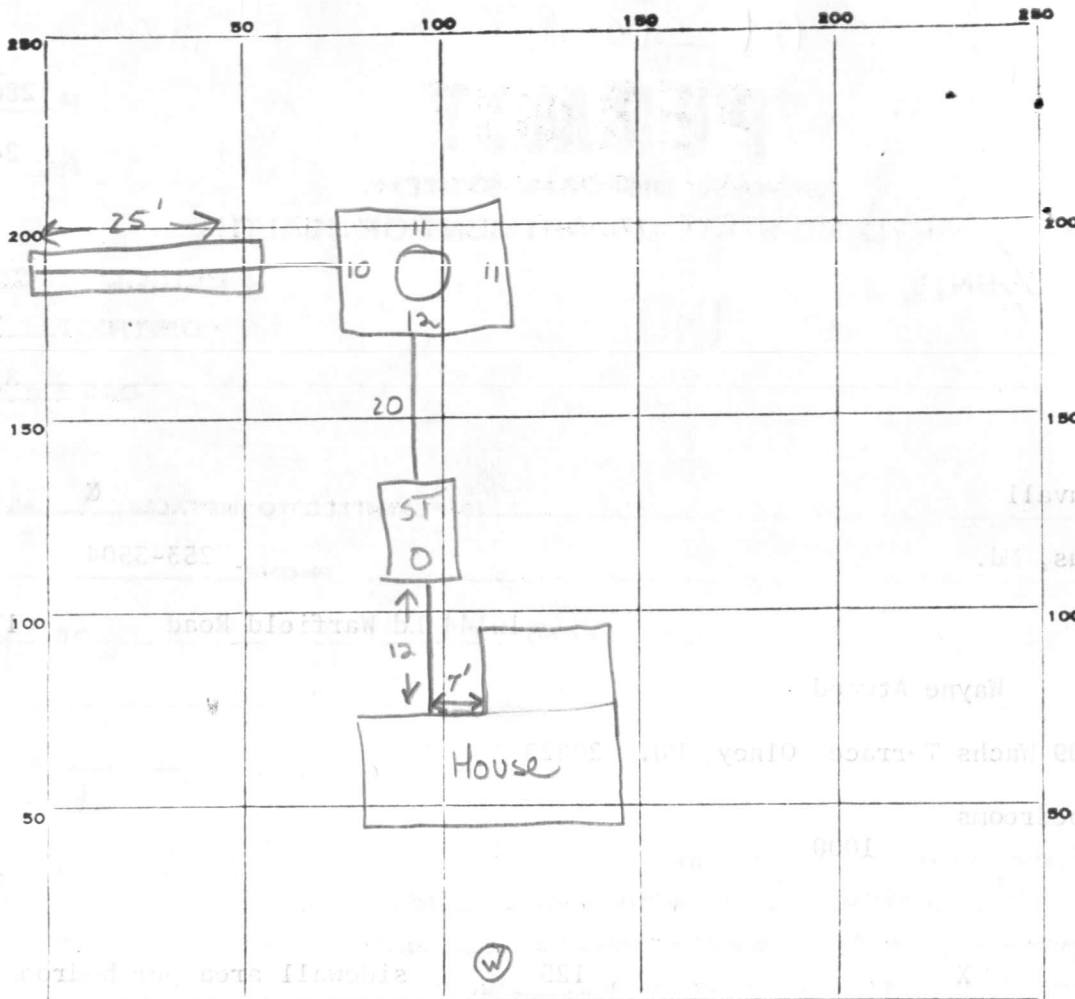
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 24918



125  
x 3  
375  
inlet at 5'

44  
x 5.5  
220  
220

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

ED WARFIELD ROAD

PERMIT CARD Duall present,

SEPTIC TANK, LEVEL 1250 gal CLEANOUTS ST | DW CAST IRON

DISTRIBUTION BOX, LEVEL Na

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7' IN. TOTAL LENGTH 25 FT. ± 175

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

precast perimeter  
SEEPAGE PITS, INSIDE DIAMETER 44 FT. DEPTH BELOW INLET 5.5 FT. ± 242

ABSORBENT AREA ±417 SQ. FT. 417

REMARKS 13 Sept 78 - Call for final when cleanout on drywell is installed & gravel is added to trench. OK to backfill from house to septic tank, Effective depth at 5'. (GLK)

14 Sept 78 - Final OK (GLK)

DATE SYSTEM APPROVED 18 Sept 78 INSPECTOR G. Keller

# APPLICATION

A \_\_\_\_\_

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

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 4th

DATE 12/2/76

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 Mordecai Hosen Wayne Atwood

ADDRESS Woodbine, Maryland any questions call: Louise  
PHONE Adams 531-5458 or  
286-2336

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 17

ROAD AND DESCRIPTION Ed Warfield Road

SIZE OF LOT 2.293 acres TYPE BLDG. 3 or 4  
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/ Louise H. Adams

BLDG. PERMIT SIGNED  
AND RETURNED 4/28/78  
Serial # 35610

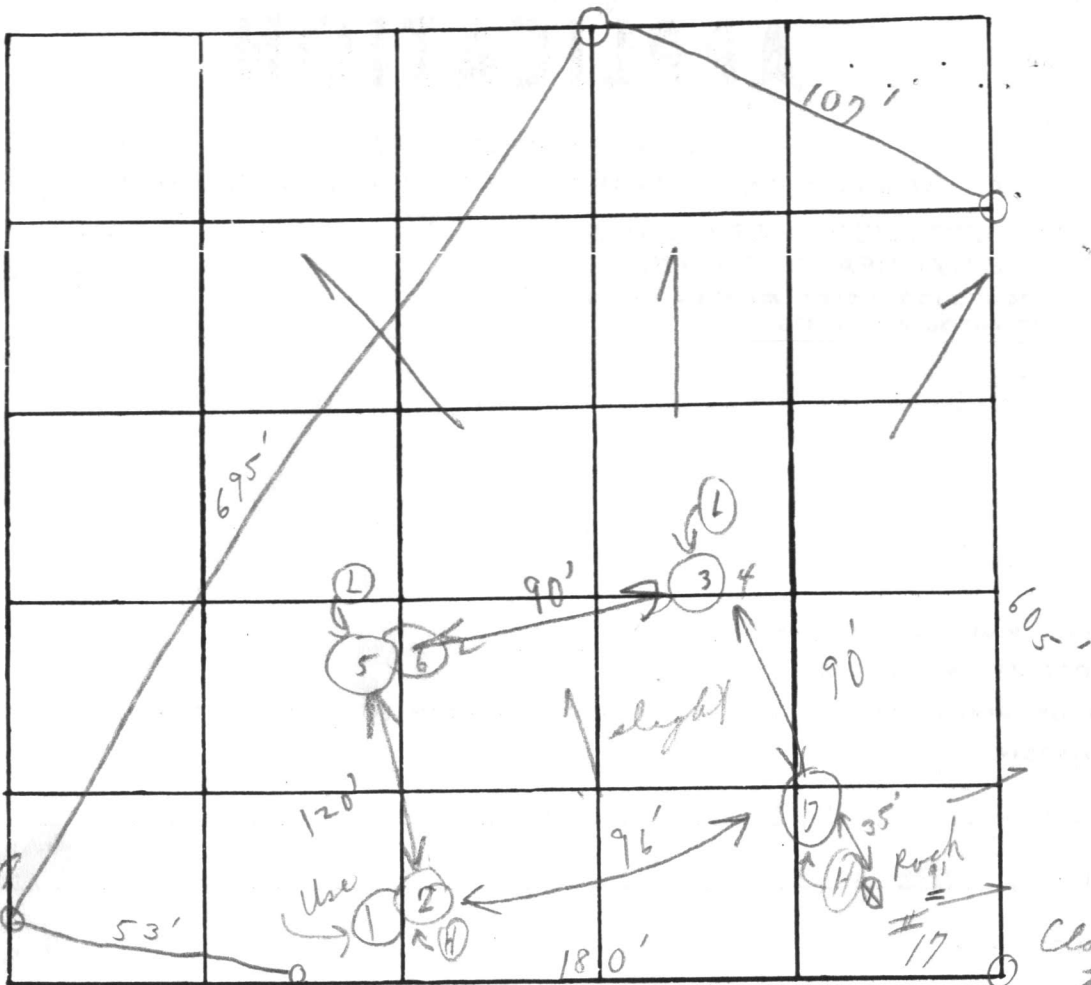
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



Closest to Daisy

Sail Profile

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/17/22	1	5' s	2:59	3:01	3:01	3:05	4m	
	(H) 2	12 1/2'	2:58	3:00	3:00	3:03	3m	
	3	5' s	2:42	2:45	2:45	2:51	6m	
	(L) 4	11' b	2:43	2:45	2:45	2:52	9m	
	5	4' s	2:38	2:40	2:40	2:48	8m	
	(L) 6	12 1/2' n	2:36	2:40	2:40	2:53	13m	
	(H) 7	12'	(Visual connection to other)					
						6:41		
		5' good soil starts						
17/22	3B	6' c	3:30	3:32	3:32	3:35	3m	

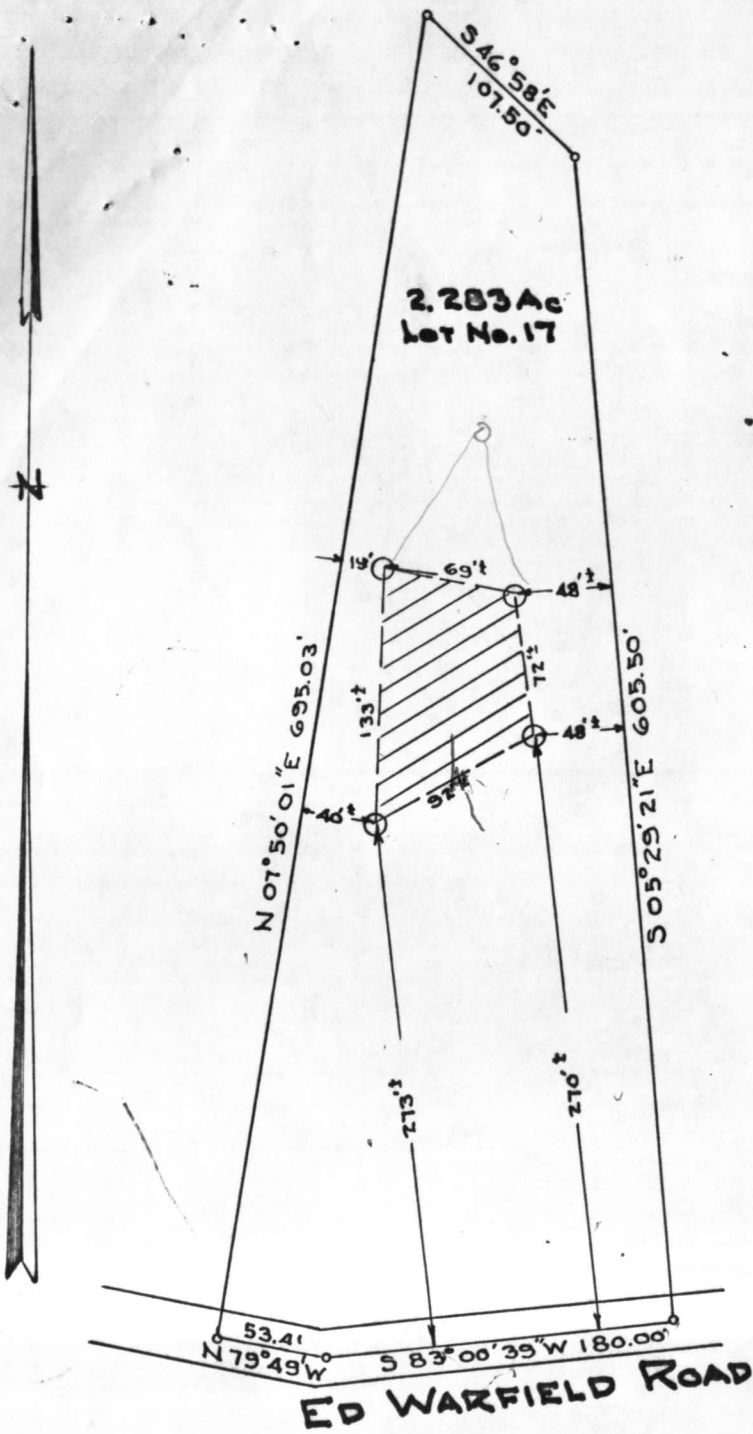
Loam below clay

7m

REMARKS (Cold + wooded lot - all holes in woods)

TYPE OF SOIL See S. Profile

TESTED BY C. B. S. ALSO PRESENT: Link + Don



LOCATION SURVEY  
FOR  
MORDECAI HOSEH  
FOURTH ELECTION DIST. HOWARD CO.  
WOODBINE, MARYLAND.  
SCALE: 1in=100ft. JAN. 26, 1977

○ Percolation test hole as located on ground.  
Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland State Dept. of Health & Mental Hygiene.

Approved: Private Water & Private Sewer

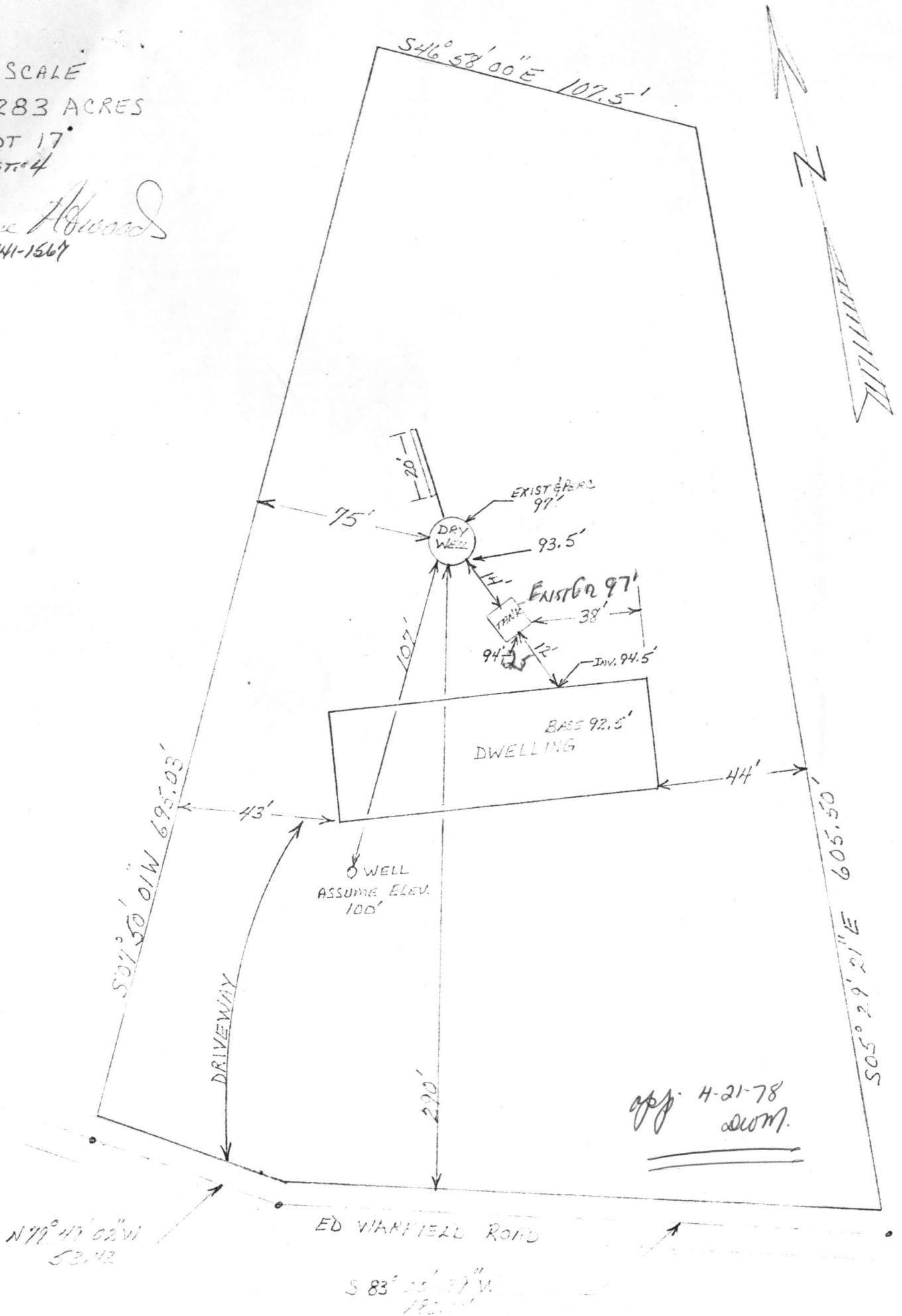
*Jayuh Boyles* 1-27-77  
Howard County Health Officer Date



*Robert E. Rose*

NO SCALE  
2.283 ACRES  
LOT 17  
DIST. 4

Wayne Howard  
441-1567



C. 1 **9785** 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) 4/27/78 DEPTH OF WELL 180 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2705

DATE WELL COMPLETED 4/27/78 22 (TO NEAREST FOOT) 26

8-13 15 20 DRILLERS IDENTIFICATION NO. 42

OWNER ATWOOD WAYNE LAST NAME FIRST NAME

STREET OR RFD 18409 WAGHS TER POST OFFICE OLNEY, MD.

**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	
SHALE	2	10	
BROWNSLATE	10	45	
GREENSLATE	45	65	✓
BLUESLATE	65	180	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 11 NO. OF POUNDS 1100

GALLONS OF WATER 55

**DEPTH OF GROUT SEAL (TO NEAREST FOOT)**

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

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5

METHOD USED TO MEASURE PUMPING RATE BUCKET

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**

BEFORE PUMPING 30 (NEAREST FOOT)

WHEN PUMPING 180 (NEAREST FOOT)

**TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)**

AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 54

**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

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

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

ABOVE } LAND SURFACE  
 BELOW } 2 (NEAREST FOOT)

**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

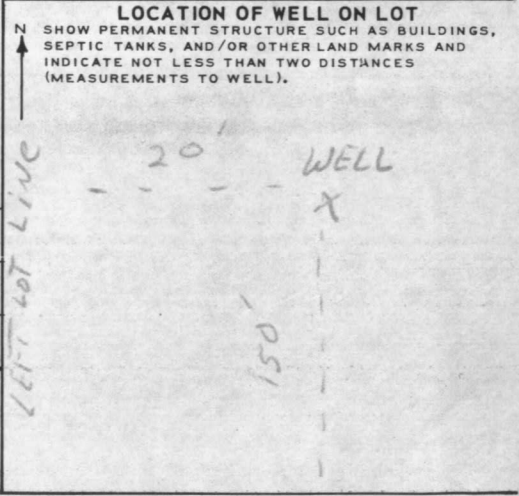
P TEST WELL CONVERTED TO PRODUCTION WELL

**SCREEN**

DEPTH (NEAREST WHOLE FOOT) FROM \_\_\_\_\_ TO \_\_\_\_\_

1 H0 52 180  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

SLOTSIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_



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 L. F. EASTERDAY

(PLEASE PRINT) L. F. Easterday

SIGNATURE L. F. Easterday

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) (E.R.O.S.)

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE