

Approved 7/11/78 (6CK)

AFL

PERMIT

P 28127

A 26040

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

03-305708

ELLICOTT CITY

INDEXED

DISTRICT 3rd

DATE 6/1/78

Albert Scheel IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Friendship Manor ROAD 2622 Wellworth Way LOT 20
~~Rt. 744 & Rt. 32~~

PROPERTY OWNER Scheel

ADDRESS _____

SPECIFICATIONS 3 bedrooms

DC 3

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 130 SQ. FT. per bedroom

INLET PIPE 2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

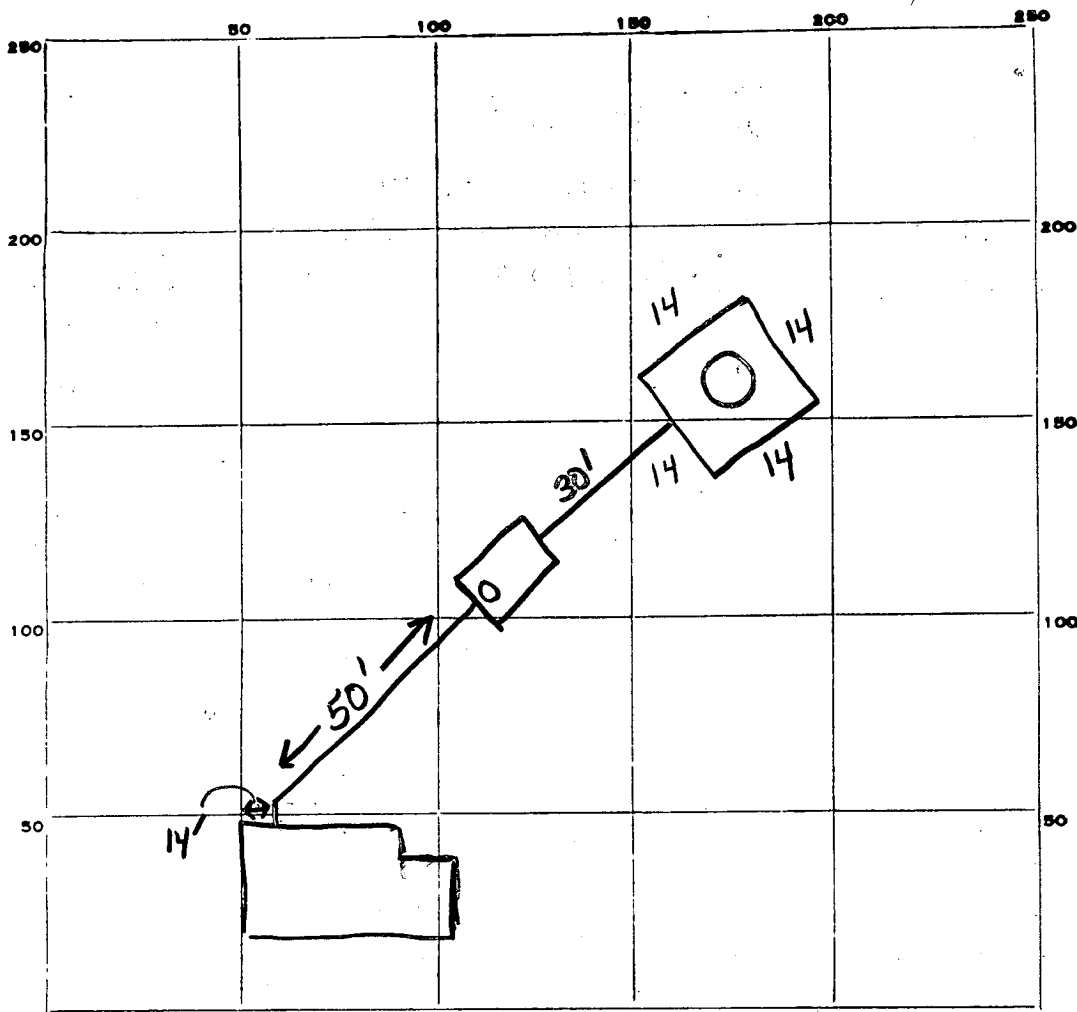
LOCATE DISPOSAL AREA 450 FT. FROM front LOT LINE AND 200 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Wellworth Way.

PLANS APPROVED BY R.M./David J. O'Neill DATE 2/23/78

- 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 26040



14
x4
56

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Wellworth Way

ST	DW
✓	✓

terra cotta

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL Na _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ ~~FT.~~ TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

^{DW} SEEPAGE FITS, INSIDE DIAMETER 56 FT. DEPTH BELOW INLET 8 FT.

^{mech}
³⁹⁰ ABSORBENT AREA ±448 SQ. FT.

56
x8
448

REMARKS 11 July 78 - Cover all work G11

DATE SYSTEM APPROVED 11 July 78

INSPECTOR G. Keller

APPLICATION

A 26040

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 3rd

DATE 6/7/77

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 William B. Ridgely

ADDRESS Spring Meadow Farm Cooksville, Md. 21728 PHONE Carol Clark
531-5115

PROPERTY LOCATION:

SUBDIVISION Ridgely Property (Friendship Manor) LOT NO. 207

ROAD AND DESCRIPTION Rte. 144 - Rte. 32

SIZE OF LOT ? 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/ Albert Scheel

APPROVED BY BM + D O'N FOR alw DATE 7-6-77 + 22328
(KIND OF SYSTEM)

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

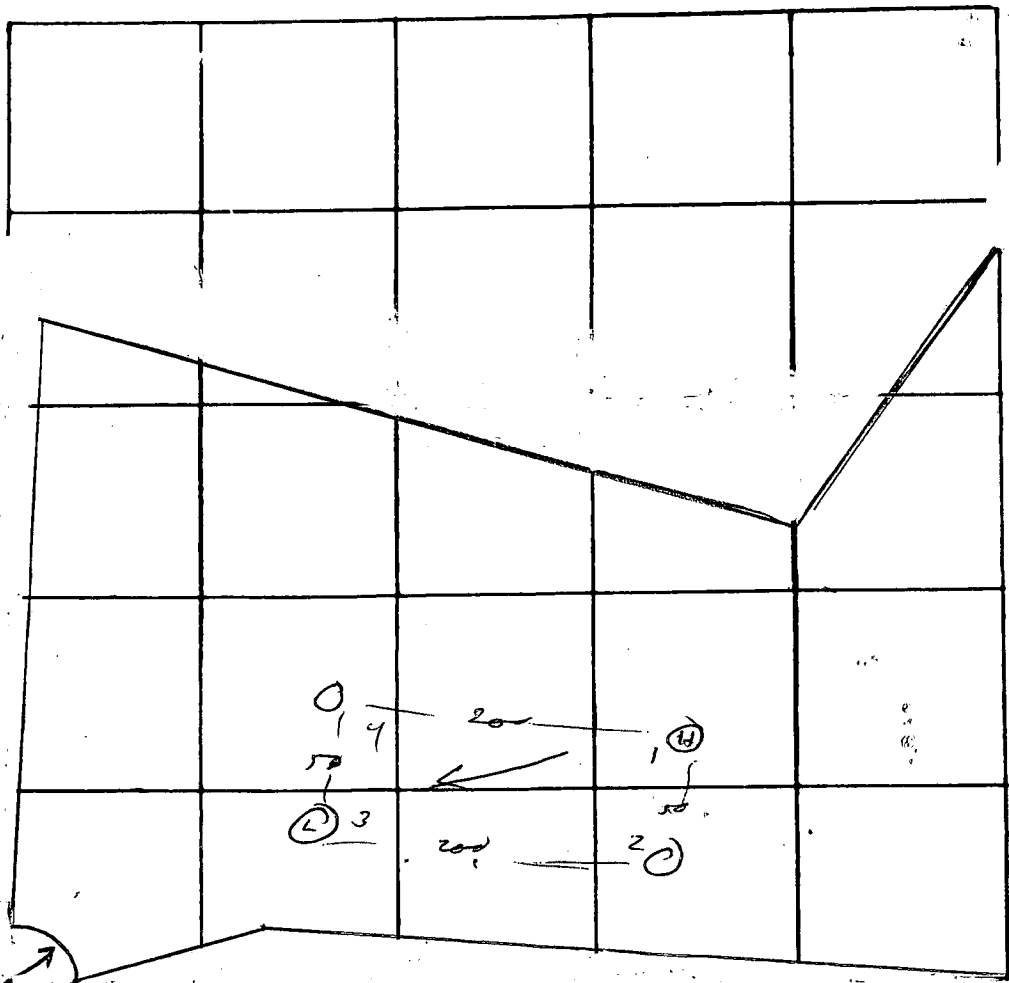
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 3/21/78
serial # 35092

THIS IS NOT A PERMIT

Lot 17



1, 2, 4

0
sandy loam
13

3

0 clay mixed
4

1 sandy loam
13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6 July 77	1	2	11 ²⁴ ₁₁	11 ²⁷ ₁₁	11 ²⁷ ₁₁	11 ³² ₁₁	5
	1A	13	11 ²⁴ ₁₁	11 ²⁷ ₁₁	11 ²⁷ ₁₁	11 ³⁷ ₁₁	10
	2	12	—	—	—	—	
	3	4	11 ²⁹ ₁₁	11 ²⁶ ₁₁	11 ³⁵ ₁₁	11 ⁵² ₁₁	16
	3A	13	11 ²⁹ ₁₁	11 ³³ ₁₁	11 ³³ ₁₁	11 ⁴² ₁₁	9
	4	3	11 ³⁰ ₁₁	11 ³¹ ₁₁	11 ³¹ ₁₁	11 ³⁵ ₁₁	4
	4A	13	11 ³⁰ ₁₁	11 ³³ ₁₁	11 ³³ ₁₁	11 ⁴¹ ₁₁	8

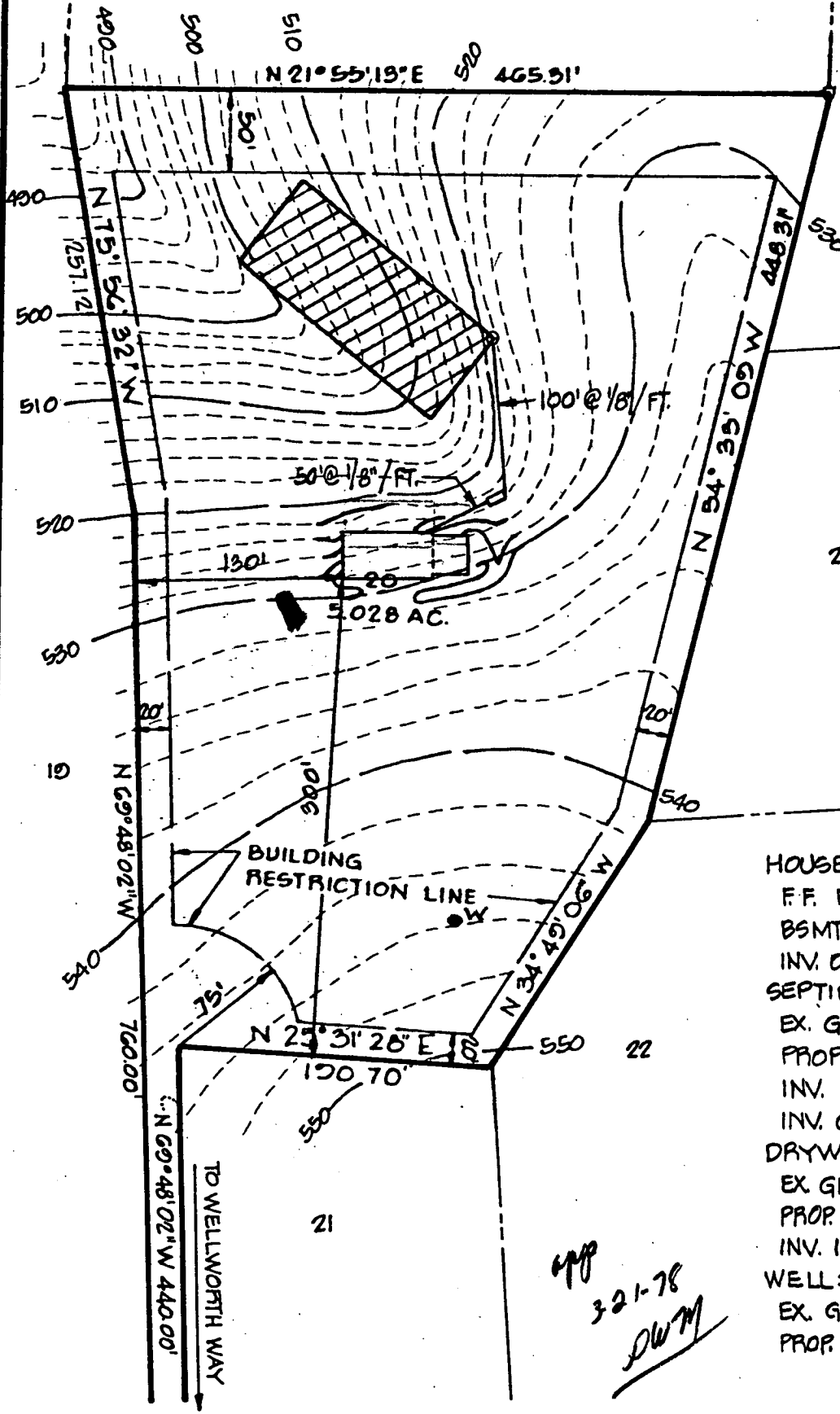
REMARKS _____

TYPE OF SOIL _____

TESTED BY M ALSO PRESENT: Scheel

HERBERT H CROSS

02/261



HOUSE :	
F.F. ELEV.	531.5
BSMT. ELEV.	522.8
INV. OUT.	520.8
SEPTIC TANK :	
EX. GRADE	523.0
PROP. GRADE	523.0
INV. IN	520.3
INV. OUT	520.0
DRYWELL :	
EX. GRADE	522.0
PROP. GRADE	522.0
INV. IN	519.0
WELL :	
EX. GRADE	530.0
PROP. GRADE	530.0

NOTE: Topography shown hereon is based on Howard County Aerial Topography Maps. The Contractor is to set grades in the field

TITLE			
GRADING STUDY			
PROJECT			
FRIENDSHIP MANOR - SECTION 2 - LOT 20			
LOCATION			
THIRD ELECTION DISTRICT - HOWARD COUNTY, MARYLAND			
DATE:	DESIGN BY:	DRAWN BY:	CHECKED BY:
FEB. 15, 1978	RM	DMR	RM
SCALE:	JOB NO.:	DRAWING NO.:	
1" = 100'	7768	1	

boender associates

engineers
surveyors
planners

B 1 **5871** 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
HO-75-45605
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
~~1/28/78~~ 3/1/78
 9:30 a.m.

OWNER Parker Jones
 COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD 3307 Princeton Ave
 COL 36 COL. 55

POST OFFICE Balt. Md.
 COL 57 COL. 76

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

1 2 3 (SEQ. NO.) 6

DATE 1/23/78 **LICENSE NUMBER** 42
 77 80

FIRST NAME J. F. Canterbury **DRILLER** **LAST NAME**

SIGNATURE J. F. Canterbury

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6 Howard
 COUNTY (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION Frederick Manor 29 42

SECTION 2 **LOT** 20 44 46 48 50

NEAREST TOWN West Friendship 52 71

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

B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 3 8 12

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

M MUNICIPAL WATER SUPPLY

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

T TEST

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 at 144

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) **N** NORTH **S** SOUTH **E** EAST **W** WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200 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)

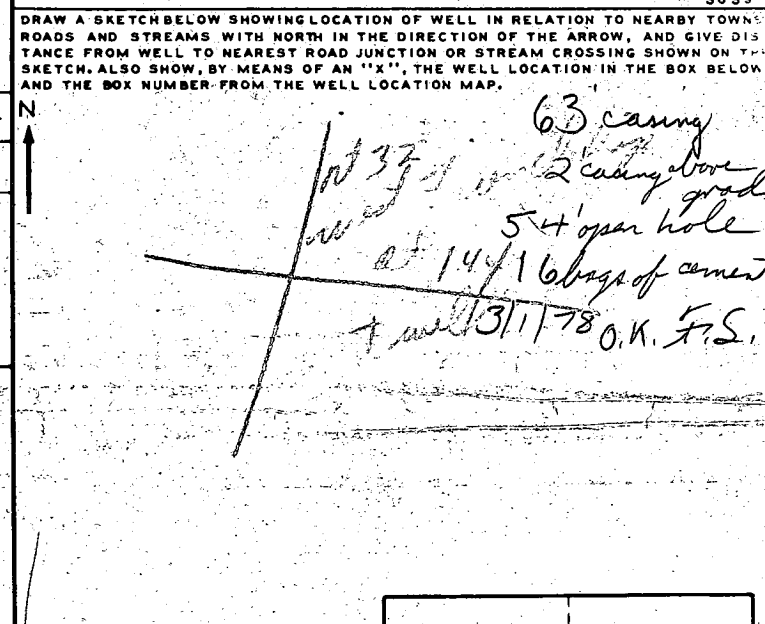
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



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

APPROPRIATION PERMIT NUMBER 54 **ENGINEER REVIEW DISTRICT NO.** 63

FORCE 67 **WRITE INITIALS IN BOX** AS **CONDITIONS** 70 71 72 73 74 75 76 77 78 79

BOX NUMBER 810 530

NORTH COORDINATE 625200 60 61 62 63 64 65

EAST COORDINATE 651000 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) 65 66 67 68

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

1 2 3 (SEQ. NO.) 6

STATE HEALTH (CIRCLE BOX) S **COUNTY NAME** Howard **COUNTY NO.** W27502

DATE 09 25 78 **APPROVED BY** Donald W. Monahan

43 **48** **Donald W. Monahan, Sanitarian**

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

1 2 3 (SEQ. NO.) 6

C 1 - 5829 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 IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 3/11/78 DATE WELL COMPLETED 300 DEPTH OF WELL 300 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" H-79-2560 28 29 30 31 32-33 34 35 36 37

DRILLERS IDENTIFICATION NO. 42

OWNER PARKER JAMES LAST NAME FIRST NAME

STREET OR RFD 3307 CRAYDON RD. POST OFFICE BALTIMORE 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	
SANDSTONE	10	60	
BLUE SLATE	60	80	✓
BROWN SLATE	80	85	✓
BLUE SLATE	85	300	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

NO. OF BAGS 116 NO. OF POUNDS 1600

GALLONS OF WATER 80

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 54 FT.

CASING RECORD

CASING TYPES (INSERT APPROPRIATE CODE BELOW)

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 63

OTHER CASING (IF USED)

DIAMETER (INCH) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 61 TO 300

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 1

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 60 (NEAREST FOOT)

WHEN PUMPING 300 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX)

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 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW LAND SURFACE 2 (NEAREST FOOT)

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 L. F. FASTERDAM

SIGNATURE L. F. FASTERDAM

