

8/22/80  
APPROVED RHYJS  
P 30640

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

04-338588

ELLICOTT CITY

DISTRICT 4th.

DATE 3/12/80

6/27/80  
7/9/80  
7/10/80  
7/8/80  
around room if possible

8/22/80  
a.m. if possible

INDEXED

Build permit # 42721

Carroll County Plumbing

IS PERMITTED TO INSTALL  ALTER

ADDRESS 6240 Sykesville Road, Sykesville, Md. PHONE

SUBDIVISION Ritz Estates ROAD Moss Meadow Way LOT 13B

PROPERTY OWNER R. Carney Fryfogle

ADDRESS 320 Kingston Circle, Sykesville, Md.

SPECIFICATIONS 3 Bedrooms

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 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

BLDG. PERMIT SIGNED  
AND RETURNED 7/28/80  
Serial # 42721

Trenches to be 3 feet wide. Inlet to be 3 feet below original grade and effective absorbant area. from 6 feet to 7 feet only. Maximum depth of trenches to be 7 feet below original grade. A minimum of 130 sq. ft. effective absorbant sidewall area per bedroom needed. Trenches can not exceed 100 feet in length. Distribution box to be used if more than 1 trench used. Two inspections of trenches required before and after stone installed. If more than 1 trench used - need to have 10 foot distance between trenches, center to center. Run trenches on contour. Start trench 95 feet from rear property line and 10 feet from left side (254 ft. line). Trenches to have a minimum length of 50 feet. (Note this lot)

PLANS APPROVED BY Fred Frommelt/C.B. Streaker/Donald W. Monaghan DATE 3/10/80

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.

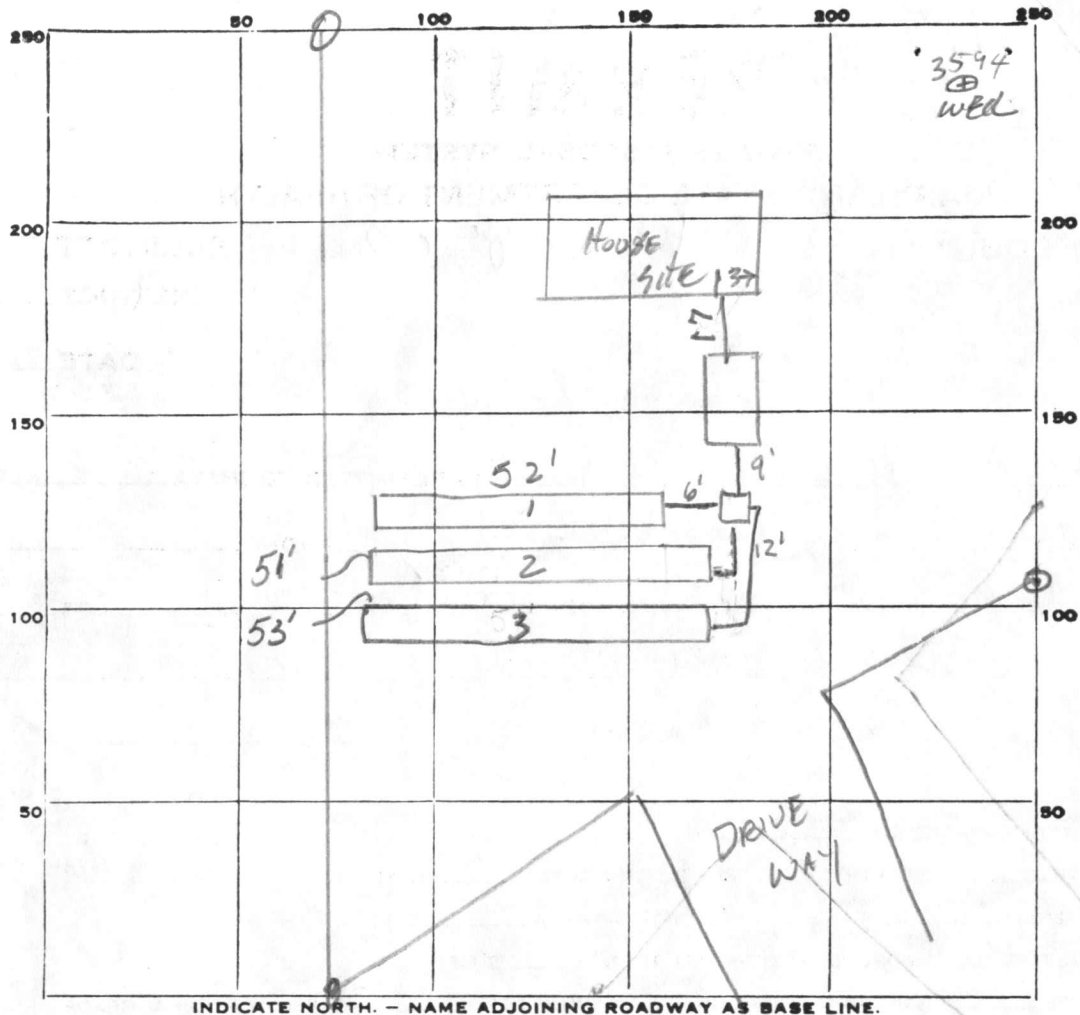
PERMIT VOID AFTER THREE YEARS.

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 25000

$$\begin{array}{r} 156 \\ 25 \overline{) 390.0} \\ \underline{25} \phantom{0} \\ 140 \phantom{0} \\ \underline{125} \phantom{0} \\ 150 \phantom{0} \end{array}$$



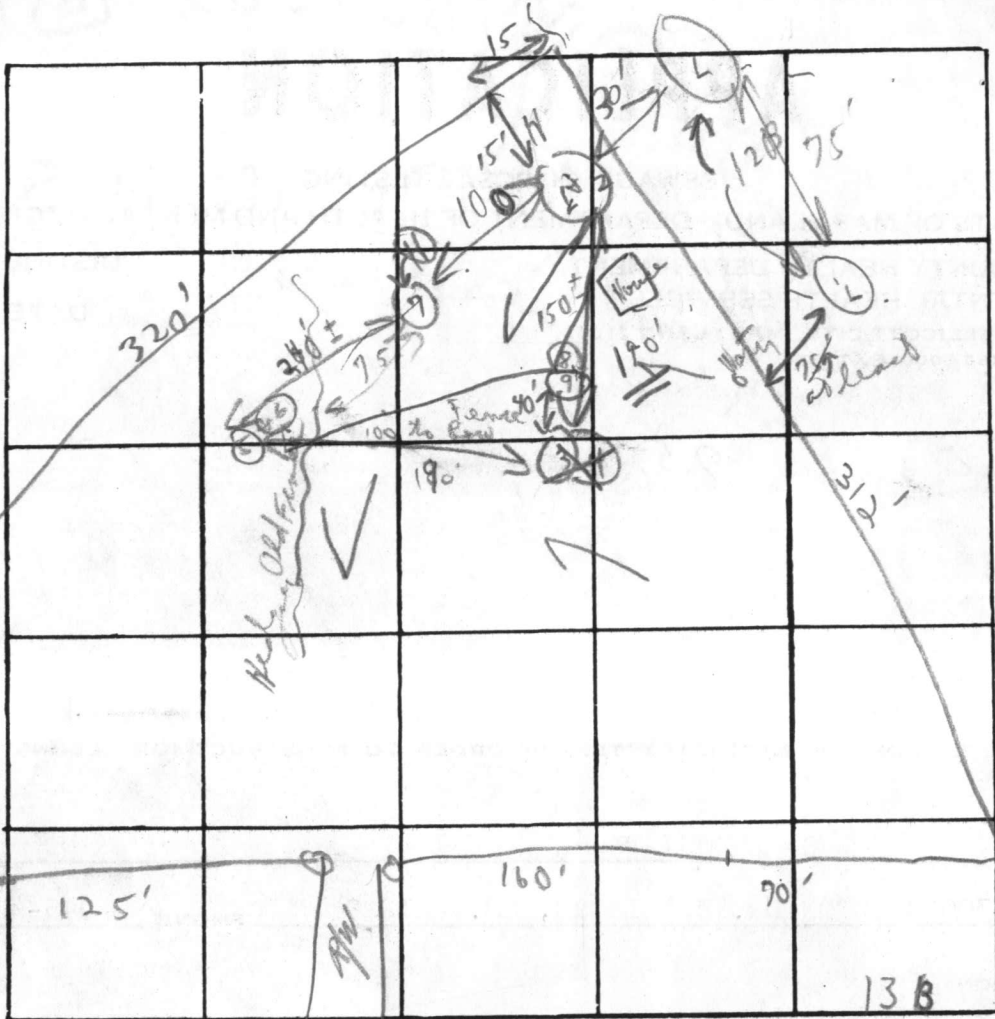
INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD  \_\_\_\_\_  
 SEPTIC TANK, LEVEL  \_\_\_\_\_ CLEANOUTS  \_\_\_\_\_  
 DISTRIBUTION BOX, LEVEL  \_\_\_\_\_  
 TILE FIELD, DEPTH 7 FT. TRENCH WIDTH 2 1/2 FT.  
 GRAVEL DEPTH 5 | 5 | 5 IN. TOTAL LENGTH 156 FT. Length 52 | 51 | 53  
 NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 390  
 SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 390 SQ. FT. Total

REMARKS OK to ADD GRAVEL to trench 1+2 note for 2 1/2 wide trench need 156' of trench. 53' of trench needed SK+CBS 6-27-80/7-8-80 OK To cover trench 1+2 only leave end of Zopen. Need to excavate additional 1' from trench #3 SK+JS+FF/ OK To ADD GRAVEL To Trench #3 SK+JS 7-9-80/ 7-10-80 OK To cover all work to date. Need to see House connection. SK+JS/ 8/22/80 HOUSE CONNECTION OK  
 DATE SYSTEM APPROVED 8/22/80 INSPECTOR R H & JS



13B



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Moss Meadow Way

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/26/77	1	6' p	1:10	1:15	1:15	1:29	14in
	(H) 2	12 1/2'	1:11	1:14	1:14	1:20	6in
	3	5 1/2'	<del>1:13</del>	<del>1:44</del>	<del>1:49</del>	<del>1:51</del>	<del>1:51</del>
	(L) 4	12 1/2'	1:14	1:44	1:44	1:51	Notes: No record 2:15
	5	5'	2:20	2:25	2:25	2:39	14in
	(L) 6	12 1/2'	2:20	2:21	2:21	2:24	3in
	7	12'	Vertical		5 1/2" weathered shale		inlin 2(142)
	Hand BBX	X	X	X	X	X	
	8	p 3 1/2'	2:53	2:58	2:58	3:11	13in { 5B } = 4A
	9	12 1/2'	2:57	2:59	2:59	3:02	3in

REMARKS

TYPE OF SOIL

TESTED BY

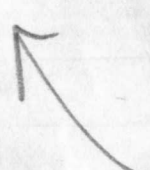
ALSO PRESENT:

"Hot"

C. B. D.

Crew of Edwards

Soil type  
Loam & weathered shale below clay

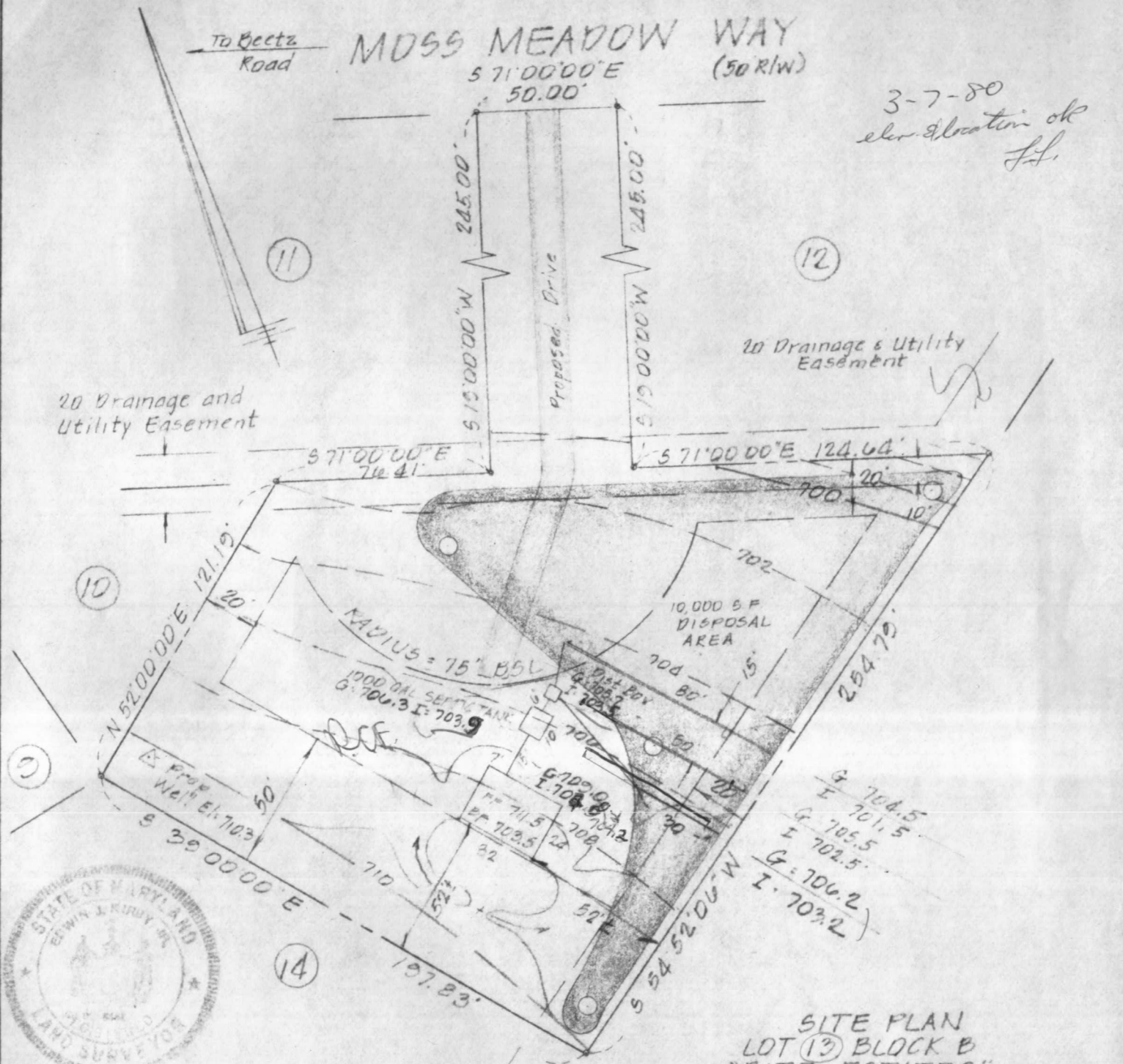


**EDWIN J. KIRBY AND ASSOCIATES**  
 PROFESSIONAL LAND SURVEYORS

22 NORTH COURT STREET  
 WESTMINSTER, MARYLAND 21157  
 (301) 848-2821

P.O. BOX 278  
 MILLERSVILLE, MARYLAND 21108  
 (301) 987-1100

13



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

*EJK*

SITE PLAN  
 LOT 13 BLOCK B  
 "RITZ ESTATES"  
 DISTRICT FOUR  
 HOWARD COUNTY, MD.  
 SCALE 1"=50' FEB. 12, 1980

Lot 13B

C 1 **5882** 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) 4/21/80 DEPTH OF WELL 245 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3594

DATE WELL COMPLETED 4/21/80 22 (TO NEAREST FOOT) 26

DRILLERS IDENTIFICATION NO. 209

OWNER FRYFOGLE FIRST NAME Richard C.

LAST NAME FRYFOGLE POST OFFICE Sykesville, Md. 21784

STREET OR RFD 320 Kingston Circle

**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	
Mica Sand	0	65	
Mica Rock	65	245	X

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  BENTONITE CLAY

NO. OF BAGS 20 NO. OF POUNDS 1900

GALLONS OF WATER 160

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 62 FT.

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE

PLASTIC  OTHER

MAIN CASING TYPE  S  T

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

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 65

**OTHER CASING (IF USED)**

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

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE

PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM 65 TO 245

EACH SCREEN

1 HO 65 245

2 HO \_\_\_\_\_ \_\_\_\_\_

3 HO \_\_\_\_\_ \_\_\_\_\_

SLOT SIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_

DIAMETER OF SCREEN 56 (NEAREST INCH)

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

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 15

METHOD USED TO MEASURE PUMPING RATE TIME

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

BEFORE PUMPING 40 (NEAREST FOOT)

WHEN PUMPING 200 (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) \_\_\_\_\_

PUMP HORSE POWER \_\_\_\_\_

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

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

ABOVE  BELOW

LAND SURFACE (NEAREST FOOT) 2

**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 Howard Dillon

(PLEASE PRINT) Howard Dillon

SIGNATURE Howard Dillon