

6/12/80  
6/27/80  
AM

8/22/80  
a.m. if possible

04-338413  
42782

APPROVED  
8/22/80 R.H.S.  
P 30678  
A 24997

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

## INDEXED

DISTRICT 4th.

DATE 3/12/80

Carroll County Plumbing

IS PERMITTED TO INSTALL  ALTER

ADDRESS 6240 Sykesville Road, Sykesville, Md. PHONE \_\_\_\_\_

SUBDIVISION Ritz Estates ROAD 16976 Moss Meadow Way LOT 10, Block A

PROPERTY OWNER HWGL Associates R. Carney Fryfoogle David W. Doolittle

ADDRESS 4300 Gelston Dr. Baltimore, Md. 21229 PHONE 945-4200

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 170 SQ. FT. per bedroom

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 #42722.

TRENCHES: to be 3 feet wide. Inlet 3 feet maximum and total depth maximum 6 1/2 feet below original grade. Effective area between 5 1/2 to 6 1/2 feet. Trench to start opposite the change in direction point off the left side line and 15 feet from left side & follow constant contour toward right side. Trenches to be 10 feet apart - 2 inspection of trench, 1 before gravel installed. Each trench to be 50 feet long.

PLANS APPROVED BY F. Frommelt/C.B. Streaker DATE March 10, 1980

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.

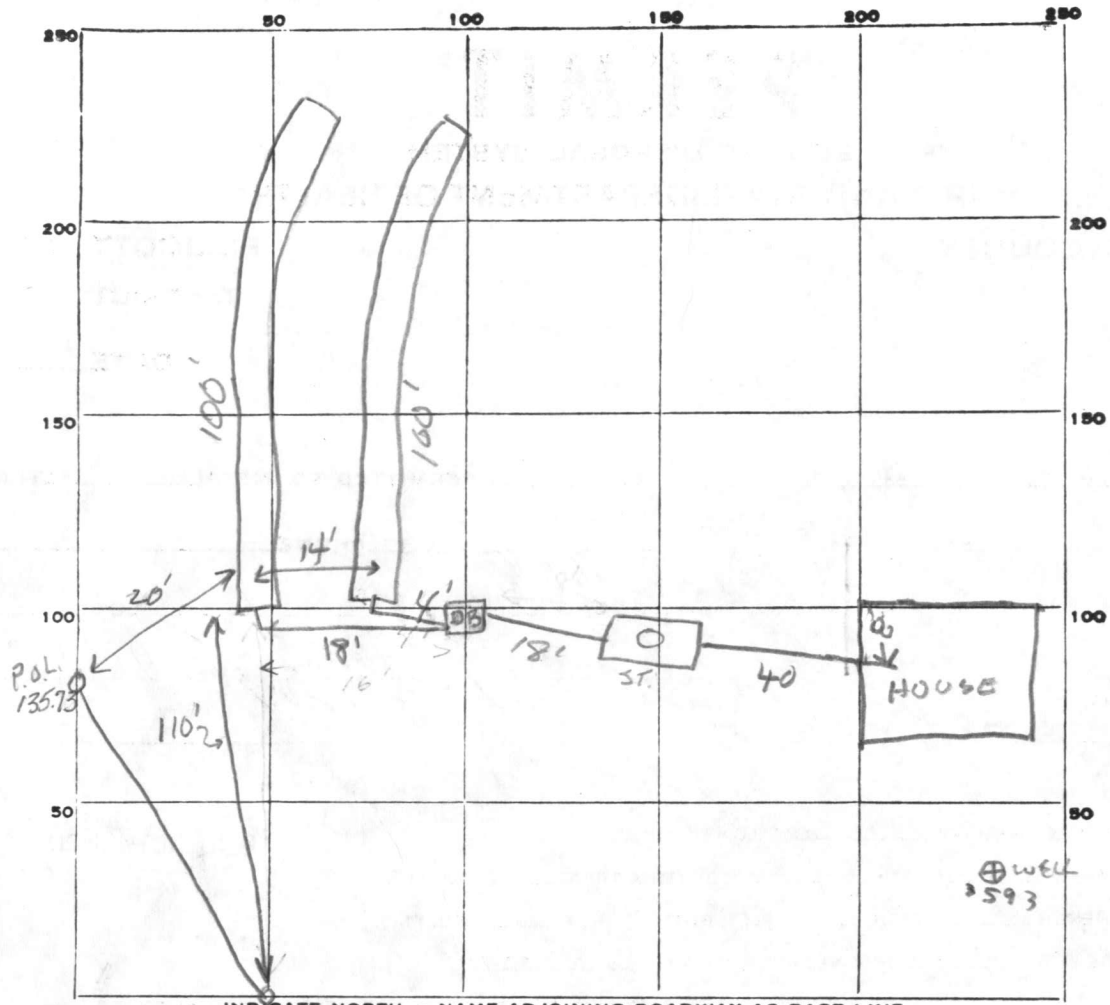
PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZZO ACCEPTED.

BLDG. PERMIT SIGNED  
AND RETURNED 7/9/82  
Serial #44418-  
2 car garage

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

A 24997



Location OK  
SK+JS  
6-12-80

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

*Mass Meadow way*

PERMIT CARD

SEPTIC TANK, LEVEL  CLEANOUTS

DISTRIBUTION BOX, LEVEL  *BAFFLE*

TRENCH

TILE FIELD, DEPTH 6 1/2' FT. TRENCH WIDTH 2 1/2' FT.

GRAVEL DEPTH 3 1/2 IN. TOTAL LENGTH 200 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 500 sqft TOTAL

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 6-12-80 Change in Design approved CBS (6-9-80) per  
signed note on installers plat. OK To add gravel to trench SK+JS.  
OK To cover all work to date must see house connection  
for final approval 6-27-80 CBS+SK  
8/22/80 - HOUSE CONNECTION BH & JS

DATE SYSTEM APPROVED 8/22/80 INSPECTOR BH & JS

# APPLICATION

A 24997

## 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

*Septic tank* { 1-3 Bedrooms 1000 gallons  
DISTRICT 4th  
4 Bedrooms 1250 gallons  
DATE 11-24-76

*Hold*  
↓

*Trenches to be 3' wide if ever approved,*

*Inlet 3 ft. max. and total depth max. 6 1/2 ft. below original grade  
effective area between 5 1/2 & 6 1/2 ft.*

*Trench to start <sup>opposite the change in direction part of the left side line</sup> 40 ft. from front and 15 ft. from left side & follow  
constant contour, toward right side. trenches to be 10 ft. apart.*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*2 inps. of trench, 1 before gravel unit & 1  
absorbent area 170 Sq. ft. per bed room  
ea. trench to be 50 ft. long*

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

PROPERTY OWNER WWGL ASSOCIATES

ADDRESS 4300 GELSTON DR. Baltimore, Md. 21229 PHONE 945-4200

PROPERTY LOCATION:

SUBDIVISION RITZ ESTATES LOT NO. 10 Block A

ROAD AND DESCRIPTION Northwest Side Moss Meadow Way 1618' East of Beetz Rd.

SIZE OF LOT 40,050 Sq. Ft. 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 \_\_\_\_\_

*Not* → APPROVED BY Howard County Health Dept FOR only DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

*Hold Non-buildable per platt signed by Dr. Joyce*

*Road 10-18-77.  
3/5/80 Hold for Mr. F Frommelt - well not in & septic not starting @ highest pt. C.B.D.*

# THIS IS NOT A PERMIT

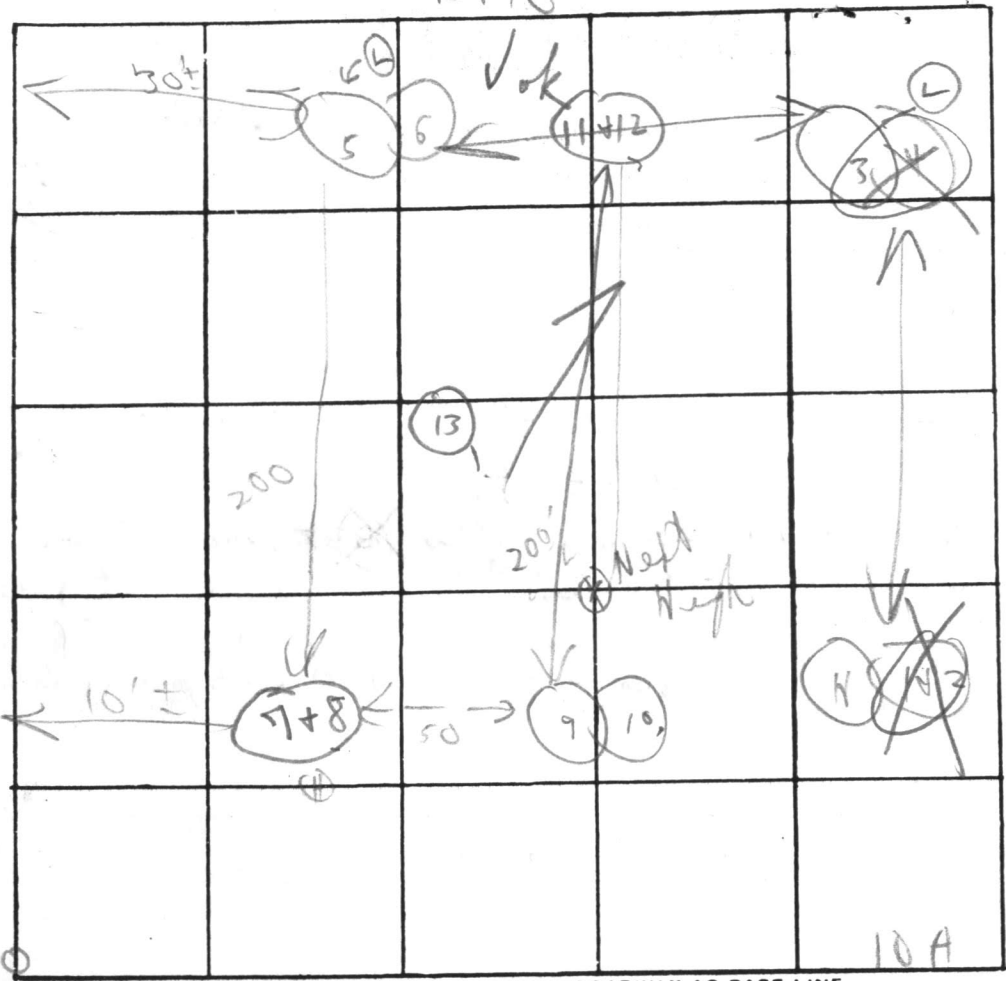
*starting @ highest pt. C.B.D.*

Frederick

Rt 70

Baltimore

10A



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Soil Report

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/18/77	1A	5'	Bottom	2:10			
	2	13'	2:08	2:16	2:16	2:30	14 min
	3A	4 1/2'	1:55	1:57	2:15	1:57	Lower shell
	4	12'	1:55	1:57	1:57	2:02	5 min
	5A	4 1/2'	2:31	2:58	2:27	X	
	6	12'	2:32	2:49	2:49	3:00	15 min ±
	7	11 1/2'	X	X	X	X	No other
	8	6-6 1/2'	2:47	2:55	2:55	3:26	31X
	9	6 1/2'	2:45	3:05	3:05	No piece	
	10A	5'6"	3:11	3:16	3:16	3:28	12 min

REMARKS Grass

TYPE OF SOIL Mt. Cobalt state

TESTED BY C. B. A. ALSO PRESENT: Digger

Team  
to install  
soil  
shells

OK

10A

			2nd start	stop	
7	5 1/2'	s	10:55	10:57	11:05 8 min
8	12 1/2'	o	10:53	10:54	10:56 2 min
9	6'		11:25	11:28	11:44 16 min
10	12'		11:26	11:28	11:35 7 min
11	5'		11:42	11:50	12:15 25 min with fella 3/2"
12	13'		11:42	11:48	11:55 7 min
13	(Version 12' similar to 7 & 8)				

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

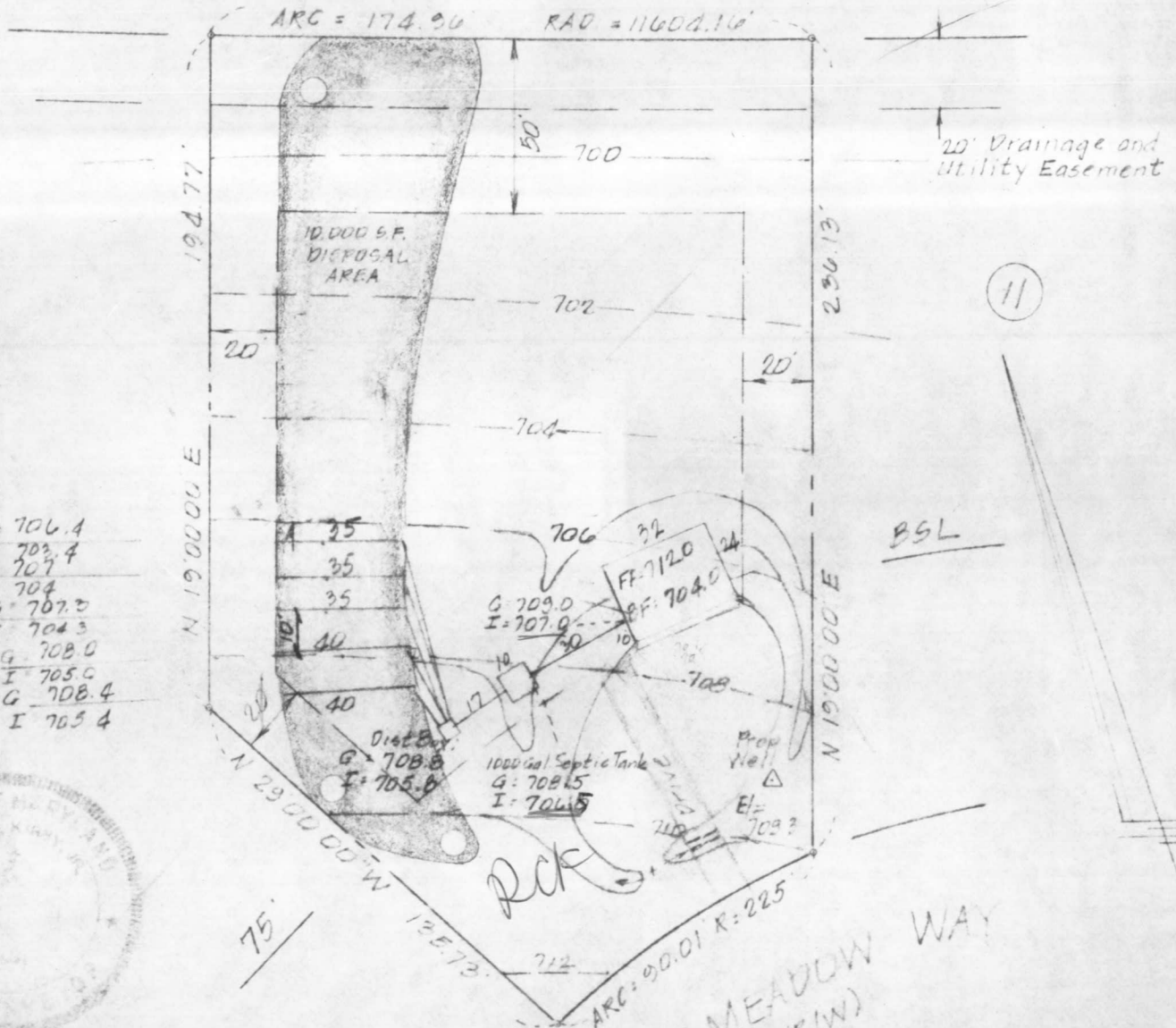
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22 NORTH COURT STREET  
 WESTMINSTER, MARYLAND 21157  
 (301) 848-2821

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

3-7-80  
 elev. & location of  
 LL

INTERSTATE I-70



- G = 706.4
- I = 702.4
- G = 707
- I = 704
- G = 707.0
- I = 704.3
- G = 708.0
- I = 705.0
- G = 708.4
- I = 705.4



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

*[Signature]*

Topeetz Road

MOSS MEADOW WAY (SRKW)

SITE PLAN  
 LOT 10 BLOCK A  
 "RITZ ESTATES"  
 DISTRICT FOUR  
 HOWARD COUNTY, MD.

SCALE 1" = 50' FEB. 12, 1980

C 1 5881

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

1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

6/12/40 DATE WELL COMPLETED

DEPTH OF WELL

405 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-73-3593

DRILLERS IDENTIFICATION NO.

209

OWNER FRYFOGLE

Richard C.

LAST NAME

FIRST NAME

STREET OR RFD 320 Kingston Circle

POST OFFICE Sykesville, Md. 21784

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY) FEET FROM TO CHECK IF WATER BEARING

Shale Rock

0 31

Mica Rock

31 405 X

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 8 NO. OF POUNDS 760

GALLONS OF WATER 64

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 48 FT. TO 54 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES INSERT APPROPRIATE CODE BELOW STEEL ST CONCRETE CO PLASTIC PL OTHER OT

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

S T 6 31

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

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

DEPTH (NEAREST WHOLE FOOT) FROM TO

1 H O 31 405

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

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

C 3 1 2 3 (SEQ. NO.) 6 PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE TIME

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)

WHEN PUMPING 350 (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)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES Y NO N

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 BELOW 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).

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

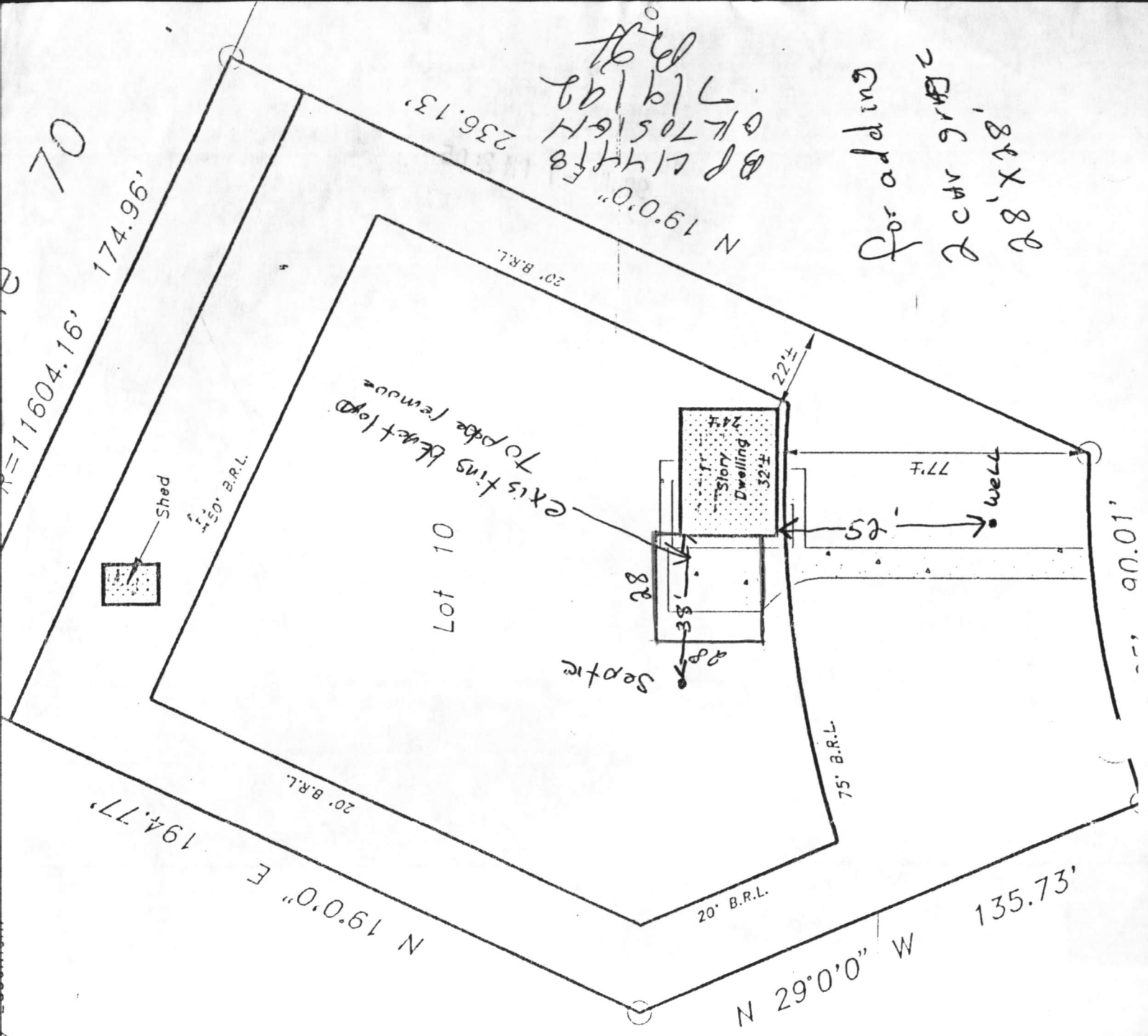
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

PLEASE PRINT Howard Dillon

SIGNATURE Howard Dillon

HEALTH



Lot 9

Lot 10

LOCATED THE  
 TY KNOWN AS  
 AY  
 ND  
 TED AS SHOWN.  
 SED FOR THE  
 PERY LINES.

6/22/89

NG