

10/15/80
P. M. ...
10/17/80
A. M. ...

Approved: 10-17-80
Stephen Kuel

PERMIT

P 30979
A 24205

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-379695

ELLICOTT CITY

INDEXED

DISTRICT 5th

DATE 10/14/80

Robert L. Orndorff

IS PERMITTED TO INSTALL ALTER

ADDRESS 13938 Highland Road, Clarksville, Md. 21029 PHONE 596-9394

SUBDIVISION Chris Mar Estates ROAD Highland & Brighton Dam Rds. LOT 12

PROPERTY OWNER Dave Kratz

ADDRESS 12614 Kavanaugh Lane, Bowie, Maryland 20715

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY _____ 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

TWO SYSTEMS - FACING LOT FROM 360 sq. ft. in dry well. 300 sq. ft. in trench for kitchen waste. 1000 gallon tank for bedrooms and 750 gallon tank or 300 gallon grease trap for kitchen waste. Inlet to be 3 1/2 ft. below original grade and maximum depth 10 1/2 ft. below original grade. Place the dry well 90 fr. from the front lot line and 25 ft. from the left side line as seen when facing the property from Brighton Dam Road.

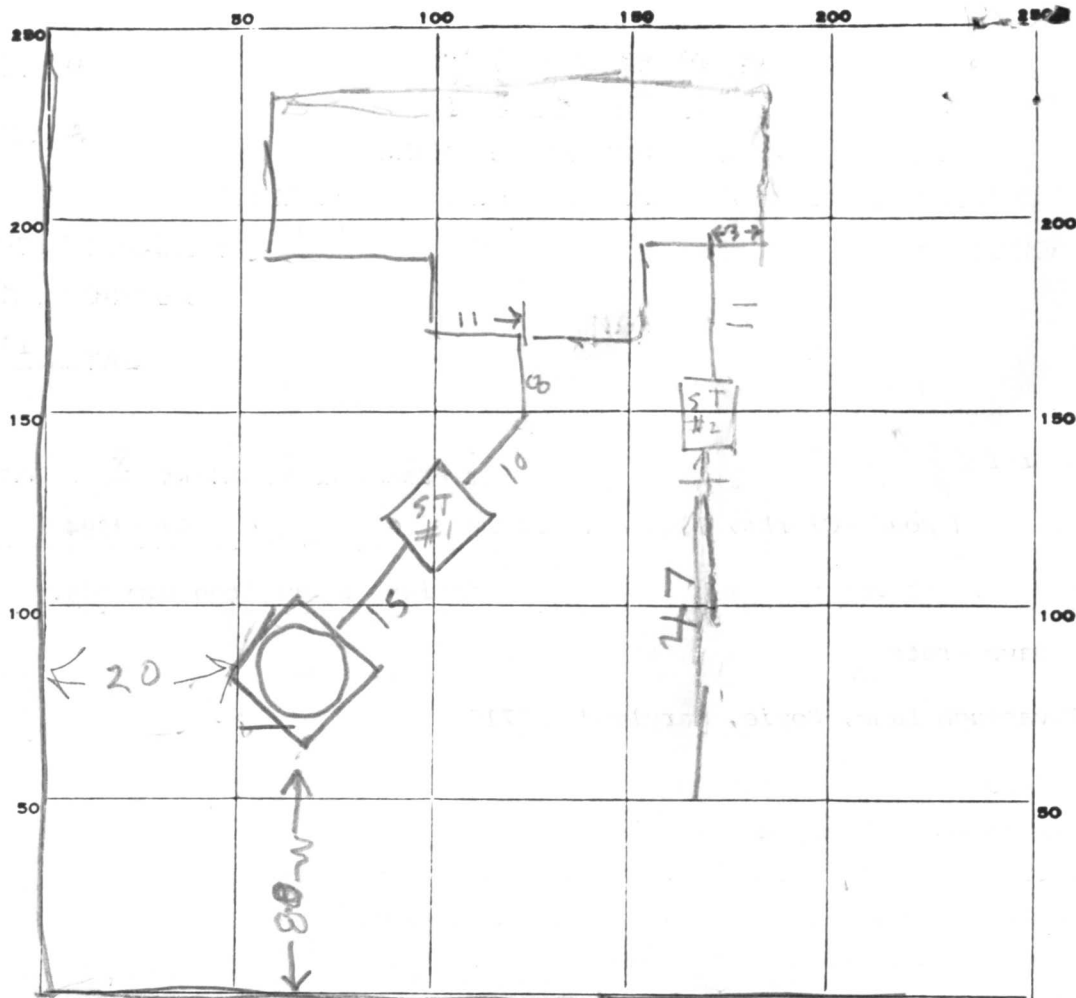
PLANS APPROVED BY Frank Skinner and Fred Frommelt DATE 11/8/77 & 12/3/79

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.

BIDD. PERMIT SIGNED AND RETURNED 4/10/80
Serial # 18896 - deck

A 24205



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
BRIGHTON DAM RD

PERMIT CARD _____

SEPTIC TANK, LEVEL OK | OK
BOTH 1000 GAL

#1	#2	
ST	ST	DW
OK	OK	OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 47 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 305

SEEPAGE PITS, INSIDE DIAMETER 53 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 371 SQ. FT.

676 Total

REMARKS 10/15/80 DW INLET 3 FT DEEP

10/15/80 OK TO COVER TANKS & DW ADD STONE & PIPE TO DITCH & CALL RH

10/17/80 OK to cover all work

DATE SYSTEM APPROVED 10/17/80

INSPECTOR Stephen & Kiel

APPLICATION

A 24205

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. DISTRICT 5
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank | 1250 gal. septic tank
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043 DATE 10/6/76
TELEPHONE: 465-5000, EXT. 356

effective sidewall absorption greaser bedroom to begin below the first 3 1/2 ft of non-porous soil. Maximum depth permitted for drywell or trench is 10 1/2 ft. below original grade. Place the drywell 110 ft. from the front lot line and 35 ft. from the left side line as seen when facing the property from Brighton Dam Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground (running towards the left front corner of lot) the necessary distance of trenches only are to be used, they must contain at least 200 sq. ft. effective sidewall absorption area per bedroom. be connected in series; be no longer than 100 ft. apiece and be spaced parallel 16 ft. apart.

ELLICOTT CITY, MARYLAND

NOTE: Call for inspection of trench before gravel is installed.

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. TC 12x12 +60' trench 10/9/77 Chy. 12-3-77 F.F.

PROPERTY OWNER Paul G. Kottis Mare Matz

ADDRESS P. O. Box 28, Highland, Maryland 20777 PHONE _____

PROPERTY LOCATION: Chris Mar Estates Bowie, Md 20715

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 14 (new) 12

ROAD AND DESCRIPTION Brighton Dam Road

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Paul G. Kottis

APPROVED BY Frank Sheiner FOR Drywell & trench DATE 11/8/77
(KIND OF SYSTEM)

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

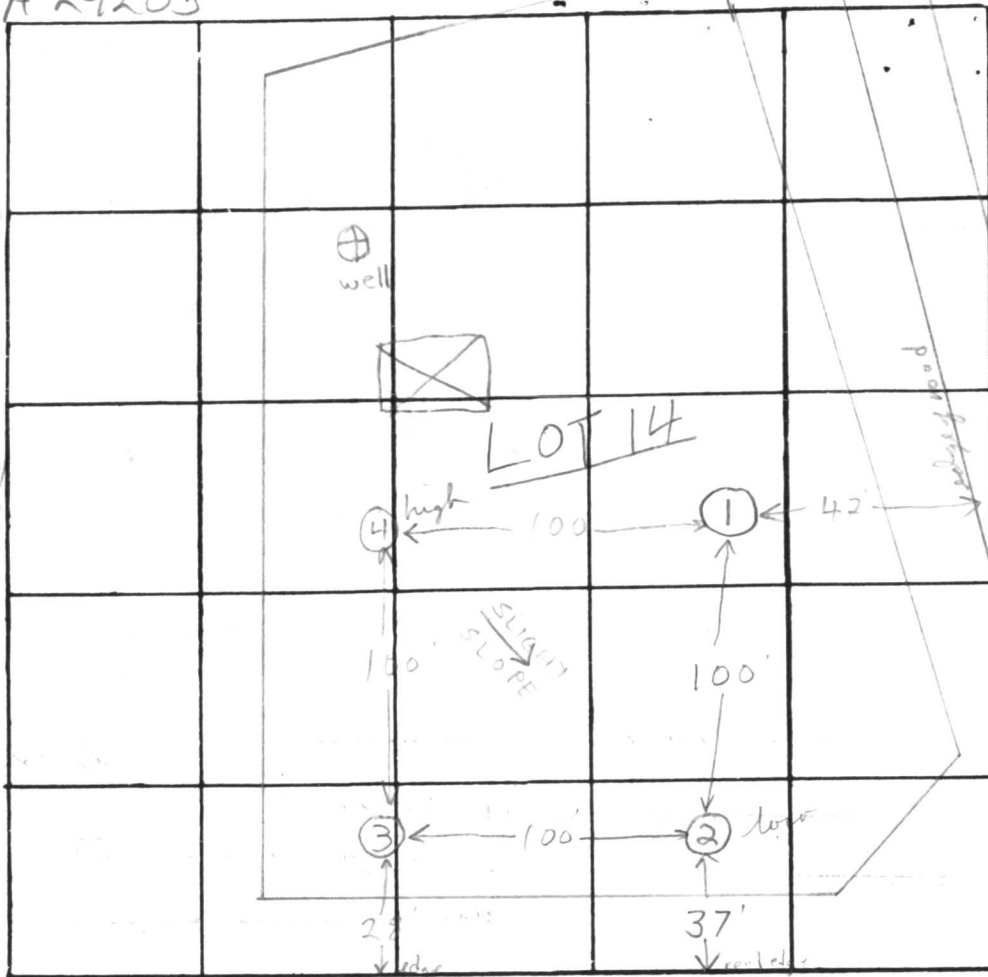
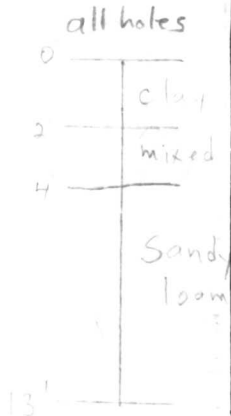
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 12/4/79
Serial # 42163

THIS IS NOT A PERMIT

A 24205



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Brighton Dam Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/21/76	1	3'	10:00	10:02	10:02	10:04	2 min	
	1A	13'	10:03	10:05	10:05	10:09	4 min	
	2 low	3'	10:10	10:11	10:11	10:13	2 min	
	2A	12 1/2'	10:12	10:15	10:15	10:20	5 min	
	3	5 1/2'	10:24	10:26	10:26	10:29	3 min	
	3A	13'	10:26	10:29	10:28	10:32	4 min	
	4 high	13'	Clayey to 3 1/2' sandy loam below					

potomac 4'

4 min arg.
inv. 3 1/2 ft.

REMARKS disposal area fairly level

TYPE OF SOIL Sandy loam below top 2-3' clayey soil

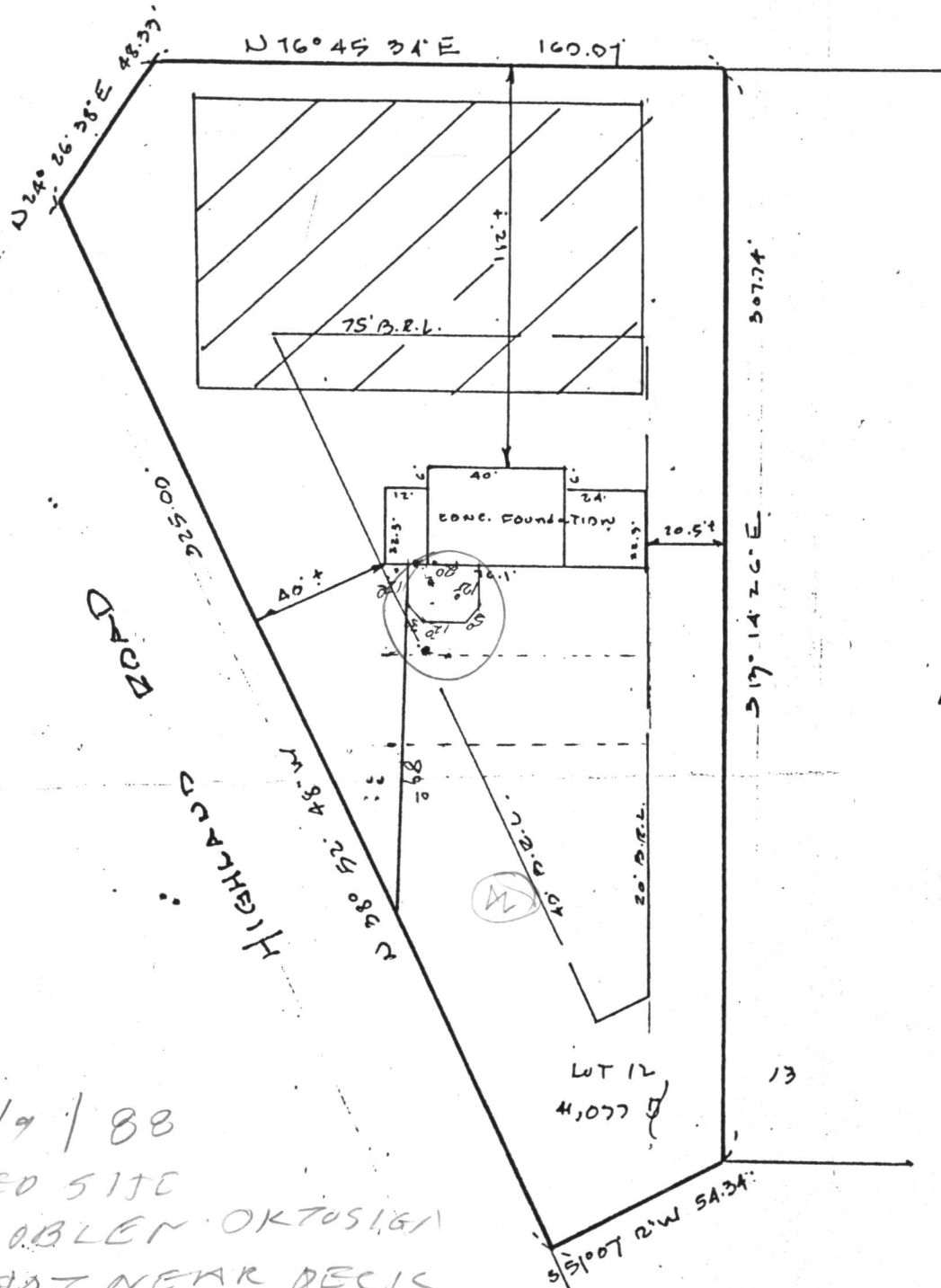
TESTED BY FS. ALSO PRESENT: P. Kottis

Property known as:
LOT 12 SECTION ONE

CHRIS MAR ESTATES PLAT # 5728
5th ELECTION DIST. HOWARD CO. MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY
LINES OR CORNERS.

BRIGHTON DAM ROAD



6/9/88
VISITED SITE
NO PROBLEM OKTOSI 1981
WELL NOT NEAR DECIC
B. HODGES

LOT 12
4,077
LOT 13

C 1 1060
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON A.L. 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) 8-13
 DATE WELL COMPLETED 11/6/79
 DEPTH OF WELL 200 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-3478
 DRILLERS IDENTIFICATION NO. 40

OWNER Kratz Annabelle
 LAST NAME FIRST NAME
 STREET OR RFD 12614 Kavanaugh Ln POST OFFICE Bowie 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	
Topsoil	0	2	
Sand	2	10	
Shale	10	32	
Brown Slate	32	67	✓
Granite	67	155	
Blue Slate	155	200	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)
 TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 CEMENT (C M) BENTONITE CLAY (B C)
 NO. OF BAGS 10 NO. OF POUNDS 1000
 GALLONS OF WATER 50
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 40 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW
 STEEL (S T) CONCRETE (C O)
 PLASTIC (P L) OTHER (O T)
 MAIN CASING TYPE (S T) NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 51

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW
 STEEL (S T) BRASS OR BRONZE (B R) OPEN HOLE (H O)
 PLASTIC (P L) OTHER (O T)

DEPTH (NEAREST WHOLE FOOT)

FROM 49 TO 200

SCREENS

DIAMETER OF SCREEN 56 (NEAREST INCH)
 FROM 56 TO 60

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 40 (NEAREST FOOT)
 WHEN PUMPING 200 (NEAREST FOOT)

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

AIR (A) PISTON (P) TURBINE (T)
 CENTRIFUGAL (C) ROTARY (R) OTHER (DESCRIBE BELOW) (O)
 JET (J) SUBMERSIBLE (S)

PUMP INSTALLED

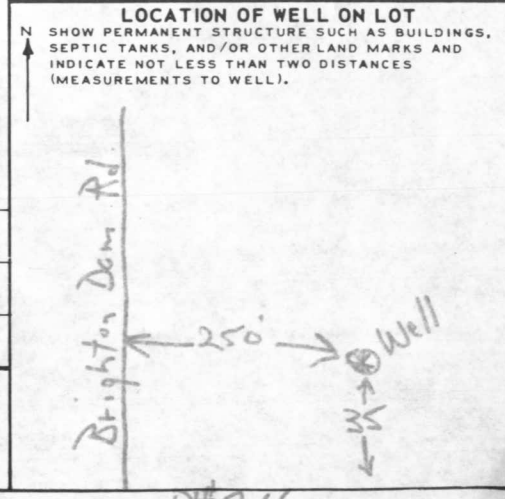
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

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

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 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)
 49 50 51



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

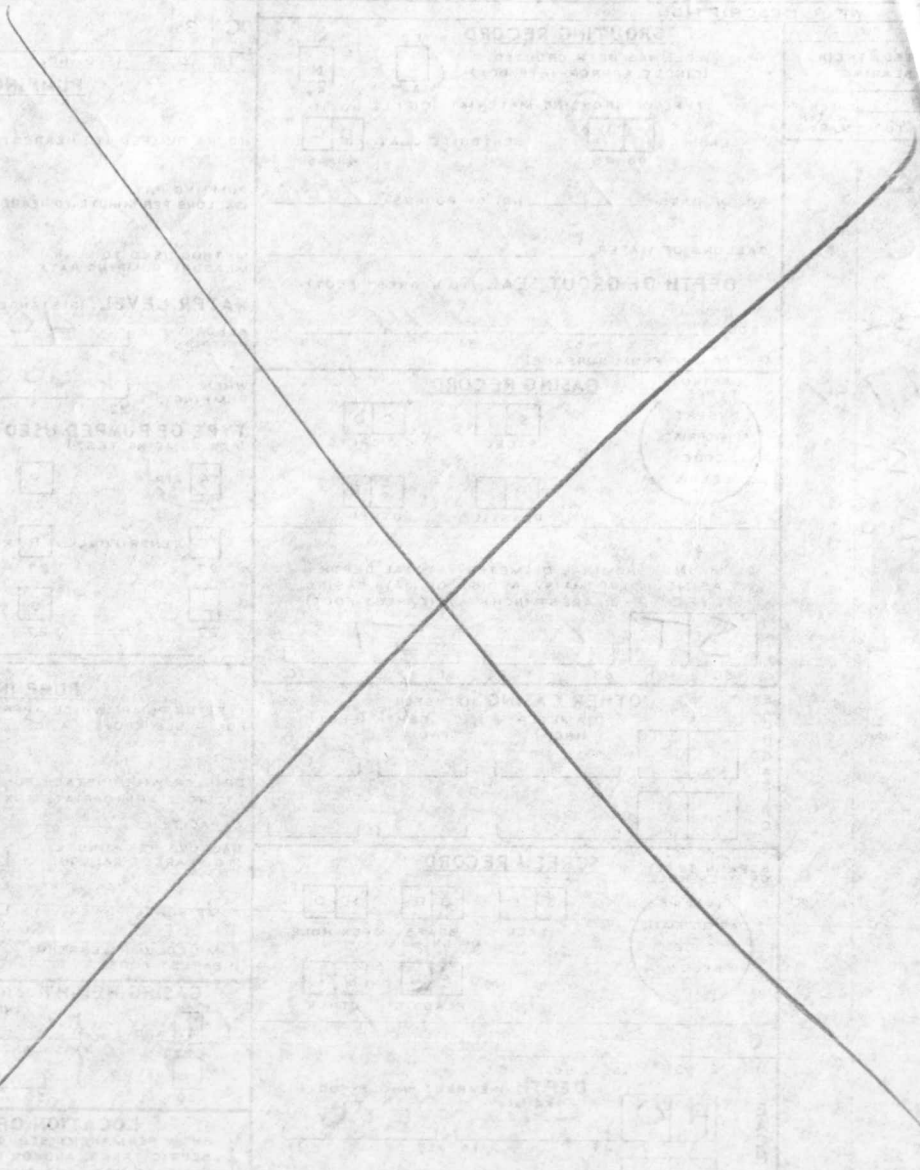
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME
 (PLEASE PRINT) GEORGE F. EASTERDAY
 SIGNATURE George F. Easterday

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

T (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE LOG OTHER DATA
 CASING INDICATOR AVAILABLE

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.
JAN 21 9 18 AM '80



STATE OF MARYLAND
DEPARTMENT OF HEALTH AND HYGIENE
LABORATORY REPORT

NAME: [Faint text]
ADDRESS: [Faint text]
CITY: [Faint text]
STATE: [Faint text]

DATE OF REPORT: [Faint text]

TEST PERFORMED: [Faint text]

RESULTS: [Faint text]

LABORATORY: [Faint text]

PHYSICIAN: [Faint text]

CLINICAL HISTORY: [Faint text]

OTHER INFORMATION: [Faint text]

LABORATORY USE ONLY: [Faint text]

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND HYGIENE
LABORATORY REPORT