

Approved  
6/21/78  
T.S.D.

P 27610  
A 24210

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

05-379733

ELLICOTT CITY

DISTRICT 5th

DATE 2/28/78

~~4/12/78~~  
~~4/13/78 final~~  
4/21/78-final

INDEXED

~~REXX~~ Fred M. Jones & Sons, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4707 Keernan Road, College Park, Md. 20740 PHONE \_\_\_\_\_

SUBDIVISION Chris Mar Estates ROAD Brighton Dam Rd. LOT (new) 16

PROPERTY OWNER Suthard Construction Co., Inc. Alfred L. Toffon

ADDRESS 4704 Highland Avenue, Bethesda, Md. 20014

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

DEEP TRENCH 4 ft DEPTH 11 FEET, BOTTOM AREA 175 SQ. FT. per bedroom

SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA 20336 SQ. FT.

INLET PIPE \_\_\_\_\_ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH \_\_\_\_\_ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 175 FT. FROM front LOT LINE AND 15 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM Brighton Dam Rd.

Start the trench after a 5 ft. earth buffer with the drywell and proceed to dig it on level ground the necessary distance.

Total sq ft - 700 - 336 in bed  
Trench to be 50 ft long - 11 ft deep 7 ft of stone 360 sq ft

PLANS APPROVED BY Frank Skinner DATE 9/19/77

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.

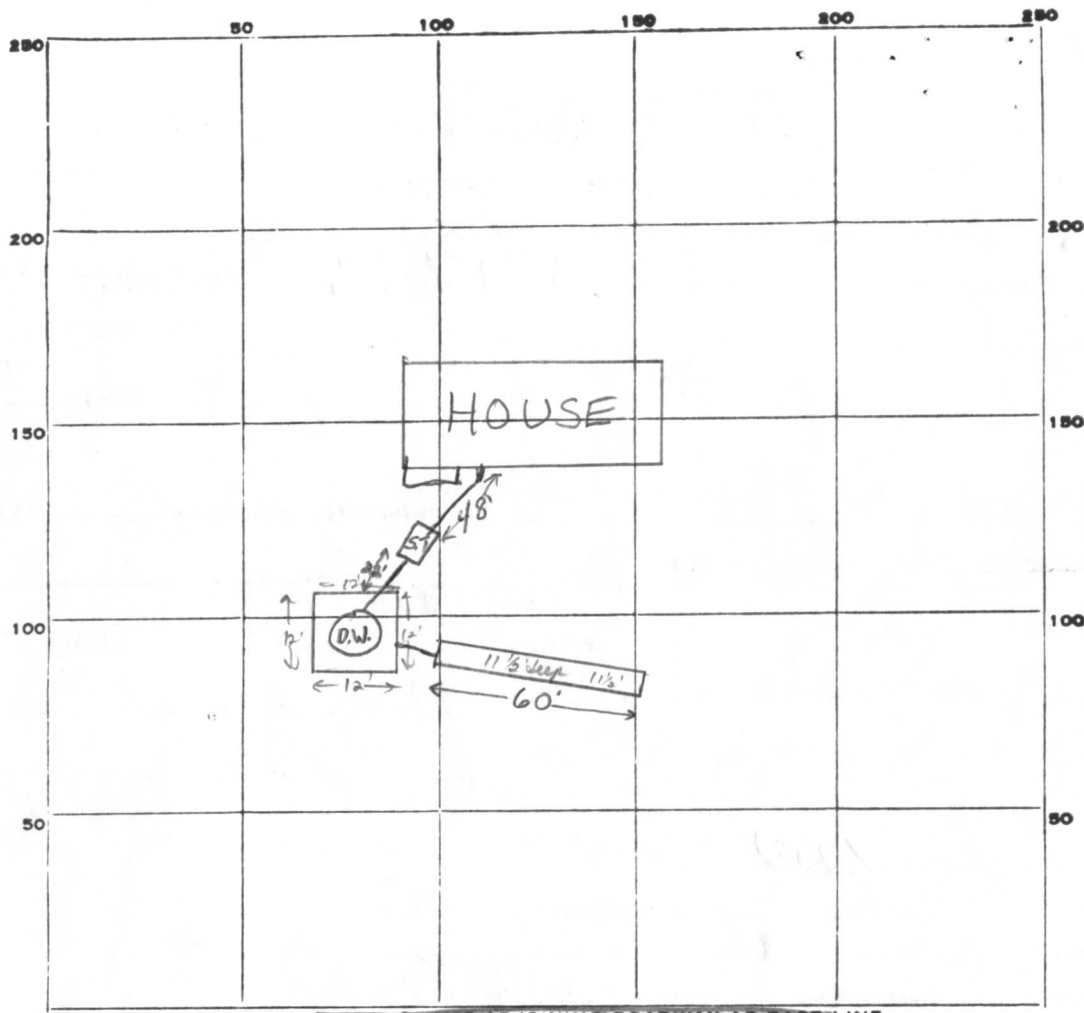
PERMIT VOID AFTER THREE YEARS.

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

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

BEDG. PERMIT SIGNED  
AND RETURNED 4/21/78  
Squid # 17814  
Sunroom

A 24210



INDICATE NORTH, IN NAME ADJOINING ROADWAY AS BASE-LINE.

BRIGHTON DAM RD

PERMIT CARD verbal partial O.K. given F.S.

SEPTIC TANK, LEVEL ✓ 1200 gal

S.T.	D.W.
✓	✓

cast iron

DISTRIBUTION BOX, LEVEL n.a.

TILE FIELD, DEPTH 11 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 60 FT.

NUMBER OF TRENCHES 1 <sup>1/2</sup> SIDEWALL TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, <sup>OUTSIDE PERIMETER</sup> INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 7 1/2 FT.   
 drywell =  $\frac{48}{33} \times 7$   
 trench = 480  
 81.6

TOTAL ABSORBENT AREA 81.6 SQ. FT.

REMARKS 6/12/78 No cleanouts, pipe leaving septic tank is terracotta (2' length) spoke to Jake Snyder onsite re. cast iron pipe req'd from house to disposal area. O.K. to gravel trench, no pipe between house & septic tank F.S.

6/13/78 TSO: Unapproved pipe in trench (flexible, corrugated rain-pipe type) ordered to replace with Orangeburg <sup>type</sup> or approved equivalent. spoke w/ Jake Snyder. call for final. 6/21/78 TSO: Pipe Replaced: O.K.

DATE SYSTEM APPROVED 6/21/78 INSPECTOR T.S. Ogle

# APPLICATION

A 24210

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 5

DATE 10/6/76

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 Paul G. Kottis

ADDRESS P. O. Box 28, Highland, Maryland 20777 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 18

ROAD AND DESCRIPTION Brighton Dam Road

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

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_  
NUMBER OF BEDROOMS  
(Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ Paul G. Kottis

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

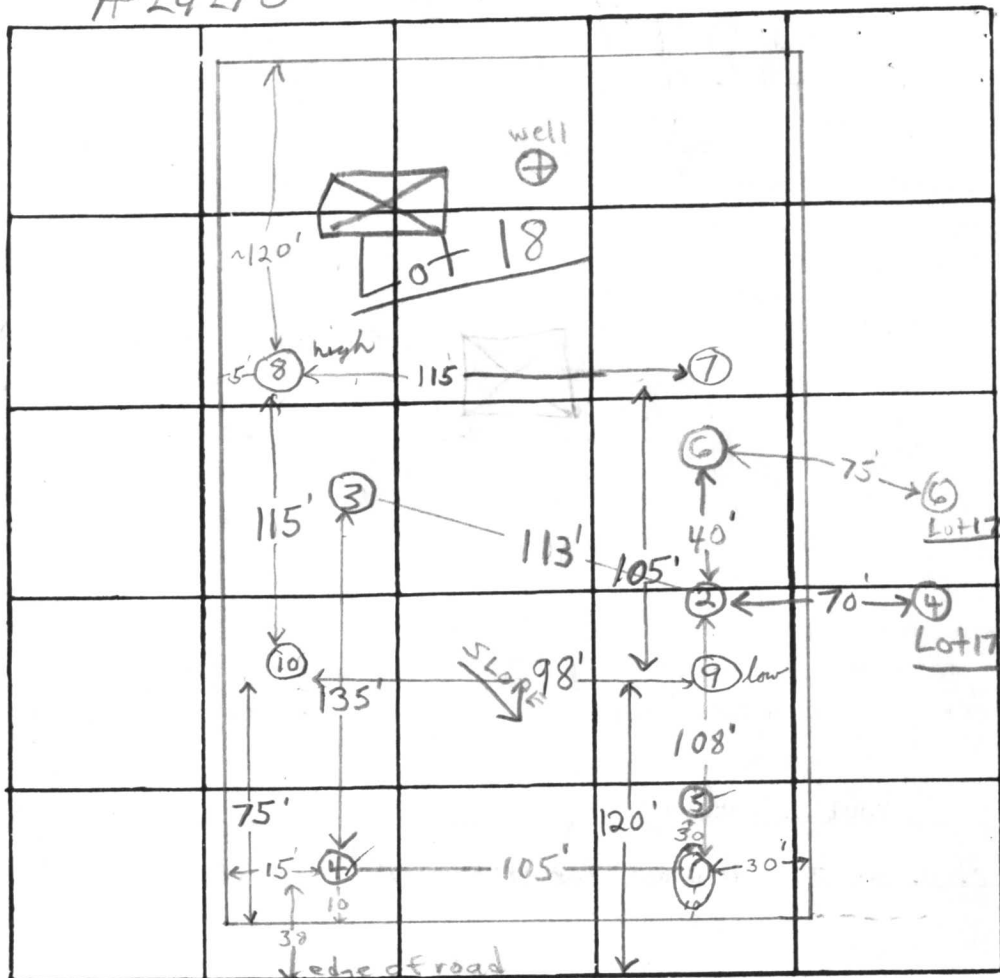
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT

A-24210

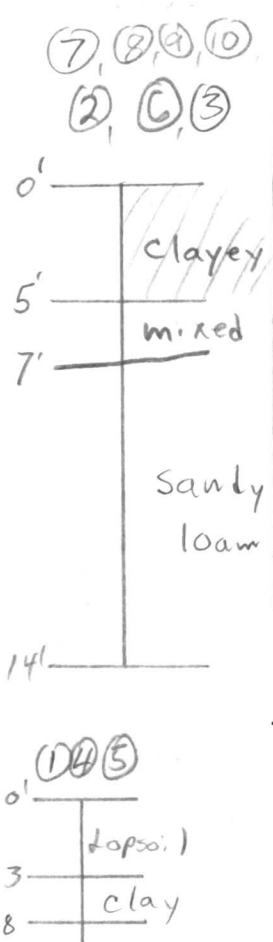


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BRIGHTON DAM ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/23/76	1	6 1/2'	10:26	pulled peg	10:50	1/4" drop	FAILED	
	1A	13'	10:47	11:22	11:22	1/2" drop	Failed	
	1B	7'	11:01	11:28	11:28	1/4" drop	Failed	
	2	13 1/2'	Clay to 5' sandy loam below					7 min avg
	3	5'	11:56	12:15	12:15	1/4" drop	FAILED	
	3A	14 1/2'	11:57	12:00	12:00		5 min	
	3C	6 1/2'	3:08	pulled peg 3:31		3/4" drop	FAILED	
	3B	6'	2:07	2:27	2:27	3/4" drop	FAILED	
	4	4 1/2'	2:14	2:16	2:16		3 min	
	4A	12 1/2'	2:11	2:14	2:14		6 min	

REMARKS use holes 7, 8, 9 & 10 for 10,000 lb disposal area  
 TYPE OF SOIL sandy loam below top 4' clayey soil  
 TESTED BY F.S. ALSO PRESENT: P. Kottis & crew



Sandstone (gneiss)

7 min avg  
ans. 4 1/2 ft.



BRIGHTON DAM ROAD  
 FUTURE 60' 4/4 20' 1/4 MAC.

ED. PAV.

ED. PAV.

N 77° 53' 42" E

143.72'

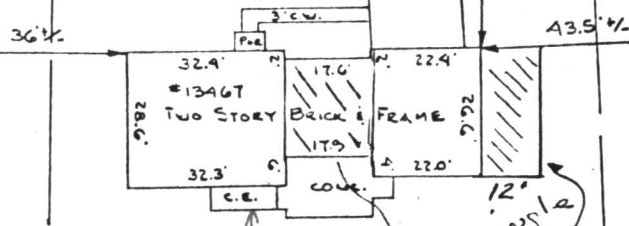
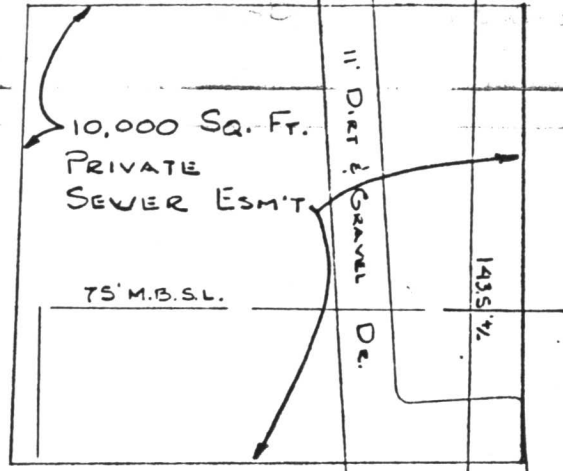
1,084.40' TO THE ANGLE BREAK ON THE  
 NORTHEAST SIDE OF HIGHLAND ROAD AT  
 LOT 12.

SOUDER BUILDERS, INC.  
 9335 Old Scaggsville Road  
 Laurel, Md. 20707  
 725-5772 Donald Souder

OWNER: Roger Trone  
 13467 Brighton Dam Rd.  
 Highland, Md. 20777  
 854-3342

S12°06'18"E

S12°57'34"E



Notes: 1/5/90  
 ① No apparent conflict with well or septic. Drawing is as shown.  
 ② (?) on septic location  
 ③ no v.d.'s seen anywhere  
 C.B.D.

06/5/11  
 773M  
 ④ Left card with lady  
 LOT 19

320.00'

323.00'

20' M.B.S.L.

20' M.B.S.L.

46,982 1/4 Sq. Ft.

LOCATE SEPTIC + DEMONSTRATE MAIN LINE (PUMP)

op C.B.D.

This is to certify that I have located the improvements on the lot shown hereon, and that said improvements exist, and that said improvements lie entirely within the boundaries.

S79°00'13"W

148.57'

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

DEC 29 9 08 AM '85

ENVIRONMENTAL  
HEALTH

C 1 152  
 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 W24-286

DATE RECEIVED (WRA USE ONLY) \_\_\_\_\_  
 DATE WELL COMPLETED Sept 26 1977  
 DEPTH OF WELL 30.5  
 (TO NEAREST FOOT) 22 26  
 PERMIT NO. FROM "PERMIT TO DRILL WELL"  
HO-73-2285  
 28 29 30 31 32 33 34 35 36 37  
 DRILLERS IDENTIFICATION NO. 273

OWNER Stuhard Const. Co. LAST NAME FIRST NAME  
 STREET OR RFD 4704 Highland Av. POST OFFICE BETHESDA 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	
Sandy	2	21	
Sand Stone	21	35	
Micka	35	45	
Sand Stone	45	50	✓
Micka	50	305	

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE BOX) 44

CEMENT  C  M 45 46 BENTONITE CLAY  B  C 45 46

NO. OF BAGS 9 NO. OF POUNDS 900

GALLONS OF WATER 54

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 29 FT.  
 (ENTER 0 IF FROM SURFACE) 48 52 54 58

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 40 (NEAREST FOOT) 17 20

WHEN PUMPING 305 (NEAREST FOOT) 22 25

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

A AIR 27  P PISTON 27  T TURBINE 27

C CENTRIFUGAL 27  R ROTARY 27  O OTHER (DESCRIBE BELOW) 27

J JET 27  S SUBMERSIBLE 27

CASING RECORD

INSERT APPROPRIATE CODE BELOW

S T STEEL  C O CONCRETE

P L PLASTIC  O T OTHER

MAIN CASING TYPE  S  T 60 61 63 64 66 70

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

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 31

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  Y NO  N

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 31 35

PUMP HORSE POWER 37 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

+ ABOVE } LAND SURFACE  
 - BELOW } 2 (NEAREST FOOT) 49 50 51

OTHER CASING (IF USED)

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

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

S T STEEL  B R BRASS OR BRONZE  H O OPEN HOLE

P L PLASTIC  O T OTHER

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM 17 TO 305

8 9 11 15 17 21

23 24 26 30 32 36

38 39 41 45 47 51

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

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).

well  
 15'  
 15'

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 Ralph Mayne

(PLEASE PRINT) SIGNATURE Ralph Mayne

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)

T  70 (E.R.O.S.) LOG INDICATOR  72

W Q  74  75  76 OTHER DATA AVAILABLE