

10/9/91  
LATE

Per ID-03-295354

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 47530

A 46459

DISTRICT \_\_\_\_\_

DATE 10/3/91

DATE SYSTEM APPROVED 10-10-91

INSPECTOR JEN

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
461-9933

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Woodstock Ridge Estates LOT 3G ROAD 10313 Cavey Road

PROPERTY OWNER Kenneth R. Hart

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the first trench 715 feet down the right (1241.6') lot line and 50 feet off the same lot line as seen when facing the lot from the Pipestem. Run trenches on contour toward the left lot (726.08') line. Maintain a minimum of 100 feet to all wells.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3 SEPT 91 BH

PLANS APPROVED BY Jane E. Nadeau cm DATE 12/6/90

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

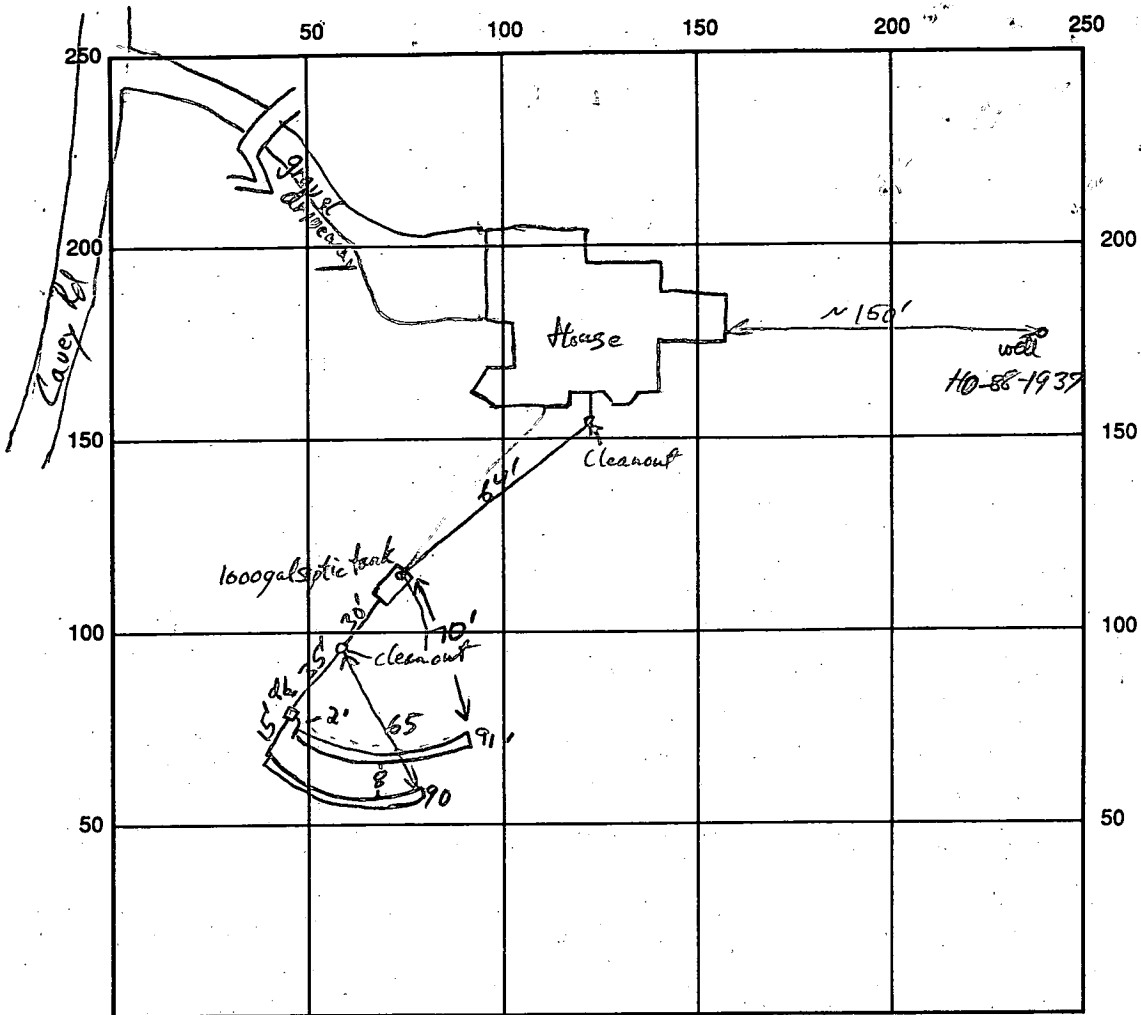
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A  
46459



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1000gal CLEANOUTS  1 on tank, 1 at house, 1 on line  
 DISTRIBUTION BOX LEVEL yes, w/ bubble and gasketed knockouts & dial wheel speed levels / OK  
 DRAIN FIELD TITLE DEPTH 4' FT. TRENCH WIDTH 3' FT. INLET DEPTH 2' FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 90' 91' FT. ① ②  
 NUMBER OF TRENCHES 2 Both ONE SIDEWALL/BOTTOM AREA 270' 273' SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA 543 SQ. FT.

REMARKS: First trench dug proper depth; OK to begin placing gravel (bottom 6'-24" of trench  
into good sandy loam soil, a few loose rocks at begin trench only) Septic tank, & supply lines OK to cover  
10-9-91  
10-10-91 OK to cover all work JEN

DATE SYSTEM APPROVED 10-10-91 INSPECTOR James E. Nozeman

# APPLICATION

PERCOLATION TESTING

A 46459

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

10-9-90  
Preview sk. May  
have rock close to  
surface if Brandywine  
soils. JEN

DISTRICT \_\_\_\_\_

DATE 10/3/90

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 Kenneth + Anne Hart

ADDRESS 3700 Daisy Rd. Woodbine, MD 21797 H: 4897251  
PHONE W: 965-1067

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Woodstock Ridge Estates LOT NO. 3G

ROAD AND DESCRIPTION 10313 Carey Lane

TAX MAP 11 PARCEL # 55

~~BLDG. PERMIT SIGNED~~

~~AND RETURNED 8-29-91~~

~~Serial # 39270 -~~

SIZE OF LOT 11.393 acres TYPE BLDG. Single family / 3 BR  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Kenneth R. Hart 10/3/90  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 10-30-90 Pending perc hole locations & plat approval.  
SHALLOW SYSTEM only DEN

HD-216

# THIS IS NOT A PERMIT

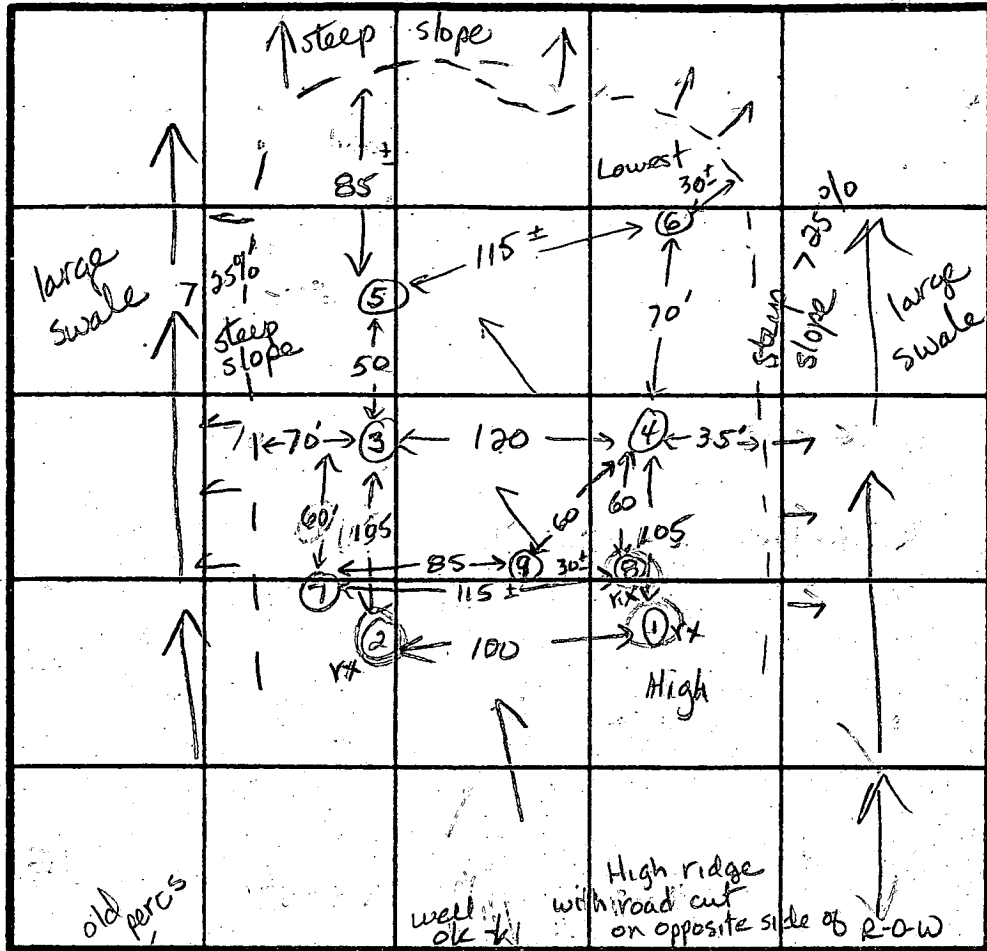
A 46459

SOIL PROFILE

0-3.5 Br s c l  
tr mica

3.5-9.5 Tan mica  
sa s l  
some lg  
rock (schist)  
frags < 35%  
structured  
at 5.0 ft

9.5 Refusal



⑤  
0-3.0 Br sa  
s c l  
3.0- Tan sa  
12.0 s loam  
12.0 Bottom

⑥  
0-2.5 Br s c l  
2.5-11.0 Tan sa s l  
some rx  
w/out structure  
at 8.5 ft  
11.0 Refusal

②  
0-2.0 Br s c l  
little  
mica

2-7.0 Tan br  
mica  
sa s l,  
large  
rock pieces  
< 60%

7.0 Refusal

③ ④  
0-3.0 Br sa  
c s l  
3.0-12 Br mica  
sa s l  
< 5%  
rock frags  
12.0 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
Gravel Right-of-way

DATE	TEST NO.	DEPTH	UPRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-30-90	1	3.0 S	1:46	1:46:55	1:46:55	1:47:50	55 sec
		3.0 S	1:49:12	1:50:47	1:50:47	1:53:25	< 3 min
		9.5 D	Refusal				No
	2	3.5 S	1:55:46	1:56:15	1:56:15	1:57:00	45 sec
		7.0 D	Refusal structure at 3.5 ft				NO
	3	5.0 S	2:02:40	2:04:18	2:04:18	2:06:52	2 1/2 min
		12.0 D	Bottom				ok
	4	3.0 S	2:10:43	2:12:51	2:12:51	2:17:26	5 min
		12.0 D	Bottom	clay to 3.0 ft < 10% rock, no structure			ok
	5	4.5 S	2:30:20	2:31:30	2:31:30	2:34:30	3 min
		12.0 D	Bottom				ok
	6	11.0 V	Rock at 8.5 ft, Refusal at 11.0'				NO

REMARKS Use holes 3, 4, 5, 6, 9 and stay 15 ft lower than #7 perc

TYPE OF SOIL 0-3 Br s c l, 3-12 Tan mica sa s l, < 10% rock

TESTED BY June E. Nadreau / Juanita Goetchens ALSO PRESENT Rick, Ken / Frock's crew Ken Hart owner

# APPLICATION

PERCOLATION TESTING

A 46459

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE 10-3-90

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 Kenneth & Anne Hart

ADDRESS 3700 Daisy Road PHONE H: 489-7251  
Woodbine, MD 21797 W: 965-1067

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Woodstock Ridge Estates LOT NO. 3G referc

ROAD AND DESCRIPTION 10313 Covey Lane

TAX MAP 11 PARCEL # 55

SIZE OF LOT 11.393 acres TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

\_\_\_\_\_  
\_\_\_\_\_

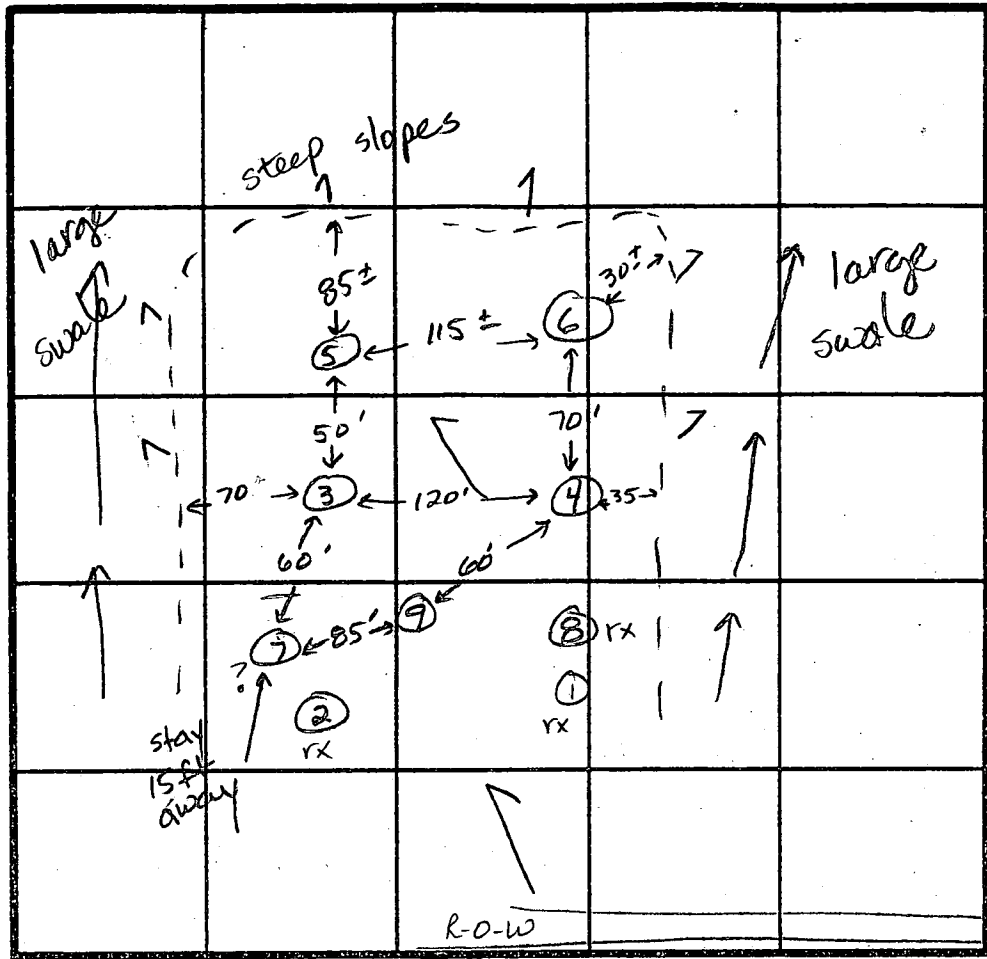
# THIS IS NOT A PERMIT

A46459

⑦

SOIL PROFILE

0-2.0 Br s c l  
 2.0-10.0 Tan sa s l, some broken rock < 15% with out structure from 5.0 ft  
 10.0 Bottom



SHALLOW  
 $\bar{x} = 4$  min  
 Inlet = 2.0 ft.  
 Bottom = 4.0 ft.  
 180 sq ft/bdrm

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

⑧

0-1.5 Br s c l  
 1.5-7.0 Permica sa s l  
 large rock pieces < 70%  
 7.0 Refusal

⑨

0-2.5 Br sa s c l  
 2.5-10.0 Tan sa s l, little rock < 10%  
 10.0 Refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-30-90	7	10.0 V	< 15% rock at 5.0 ft on higher wall, (toward #2) No structure. apparent				Marginal
	8	7.0 V	Refusal		rock at 1.5 ft		No
	9	10.0 V	Refusal		no structure. clay to 2.5 ft		ok

EH-12-1079

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

*Permit*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 33975  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 3rd.  
DATE 6/8/84

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 Gayla L. Smuck  
1304 Rice Avenue  
ADDRESS Baltimore, Maryland 21228 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Woodstock Ridge Estates LOT NO. 3G

ROAD AND DESCRIPTION end of Cavey Lane

SIZE OF LOT 12.49 acres TYPE BLDG. 3 or 4 bedrooms  
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Jack Boender  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

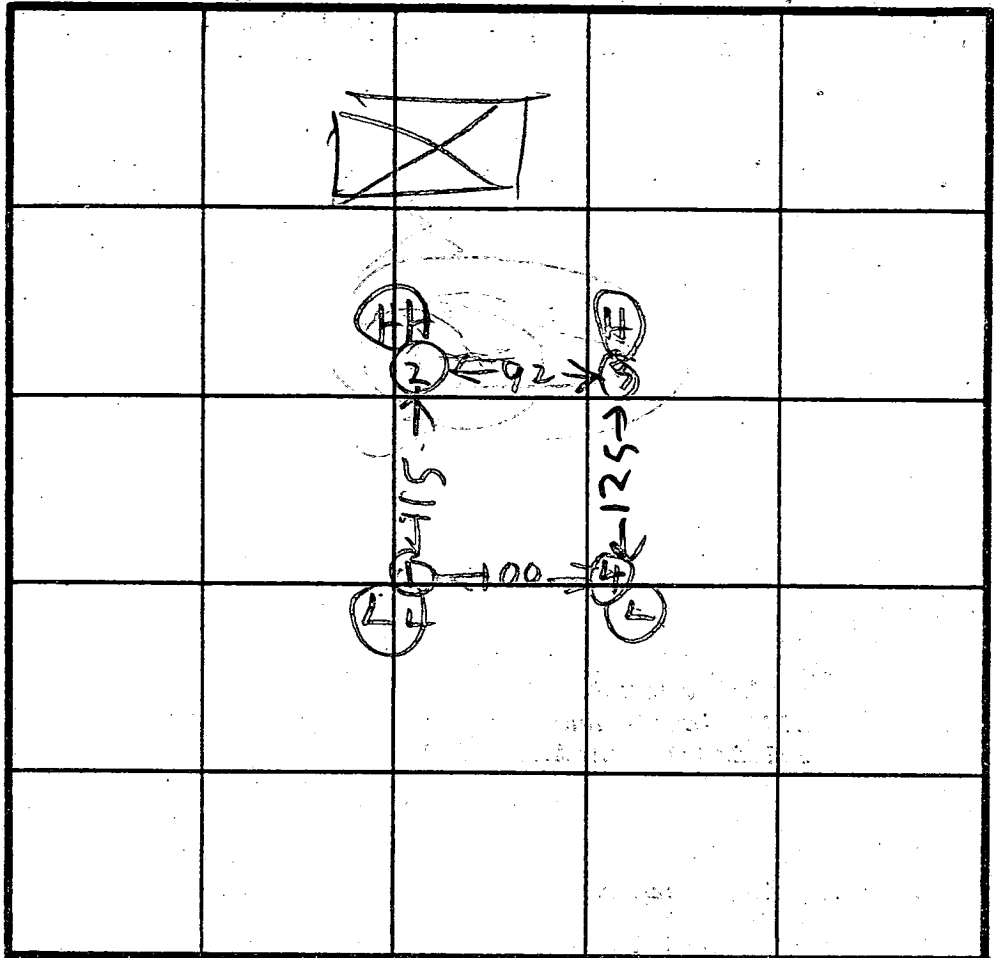
# THIS IS NOT A PERMIT

SOIL PROFILE  
 2 1 3 4

ALL BROWN SAND

50

13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/15/84	1V	13	ALL BROWN SAND					
	2S	3 1/2	153	154	154	157	3	
	2D	7	153	154	154	157	3	
	2V	13	Loops OK					
	3S	2 1/2	159	203	203	206	3	
	3D	5 1/2	159	200	200	202	2	
	3V	12	Loops OK					
6/15/84	4S	3	212	213	213	215	2	
	4V	12 1/2	Loops OK					

REMARKS BOENDER CO TO SUBMITT CERTIFIED HOLE PLAT  
 TYPE OF SOIL MOLMBS SAICK  
LARRY SKIP  
 TESTED BY R HODGEL ALSO PRESENT BOENDER MEN

EH-12-1079



Lot. not tested  
11/15/77  
1:30 p.m.

# APPLICATION

A 24432

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

DATE 11/5/76

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

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 Jack Fisher Mr. Von Bredow

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: Woodstock Ridge Estates  
SUBDIVISION former Dr. Schneebly property LOT NO. 16 (Lot 34)

ROAD AND DESCRIPTION end of Cavey Lane

SIZE OF LOT 12.49 acres 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/ Jack Fisher

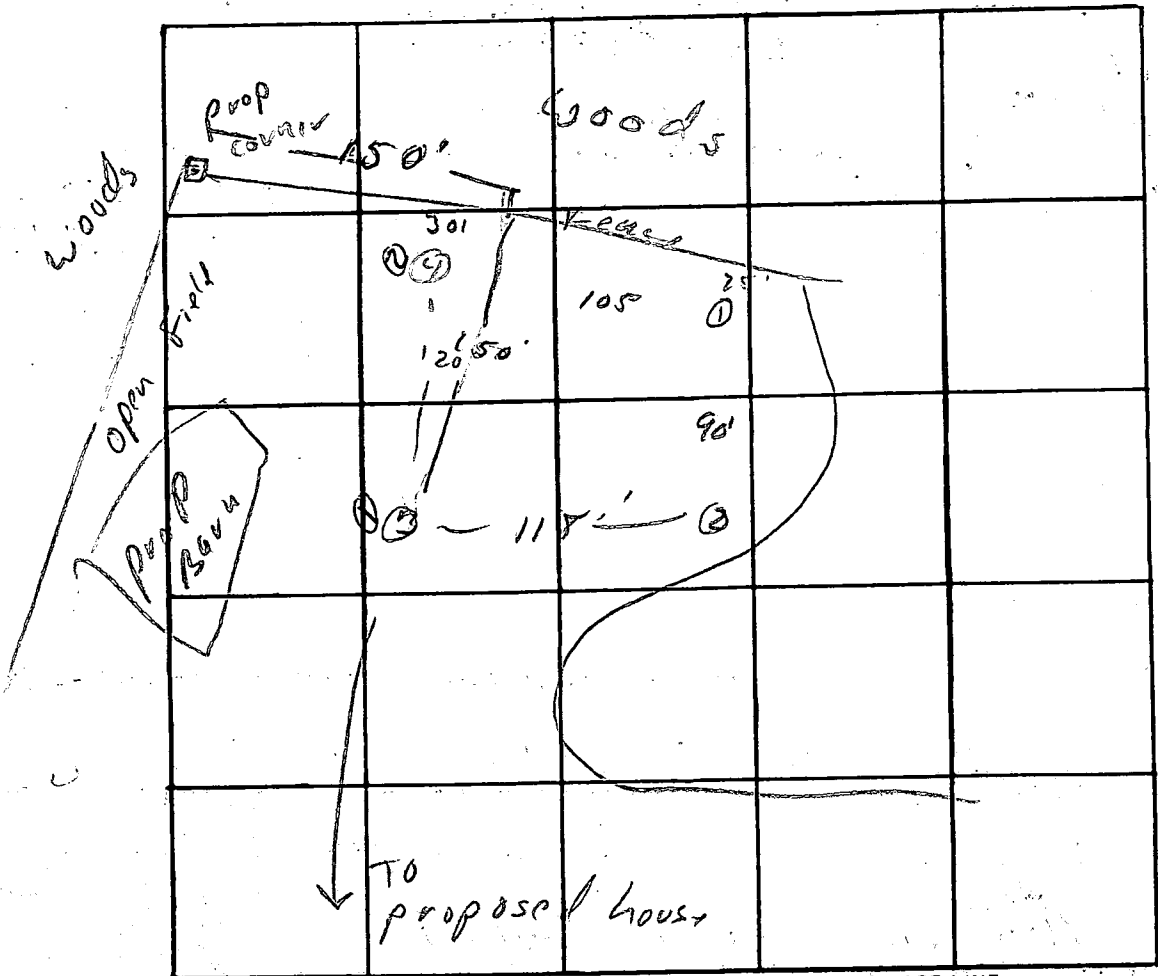
APPROVED BY DJO'Neill FOR DW Turner DATE 11/22/77  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



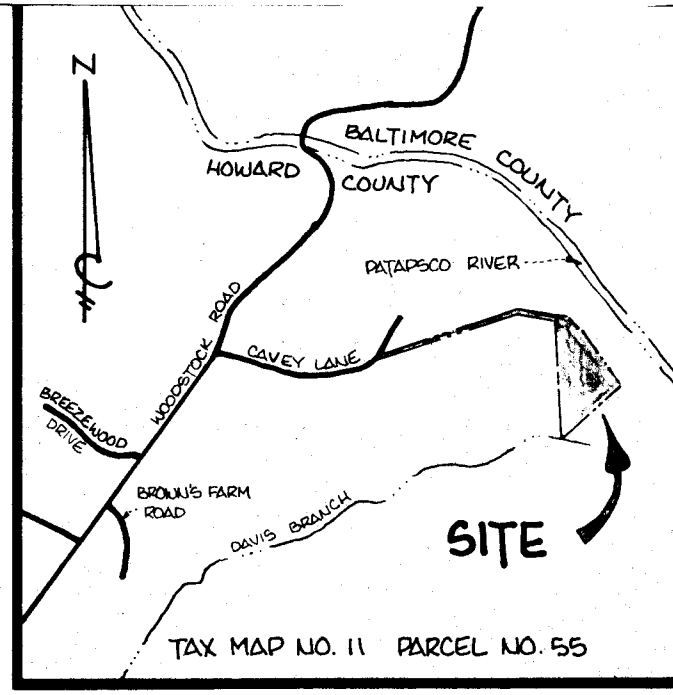
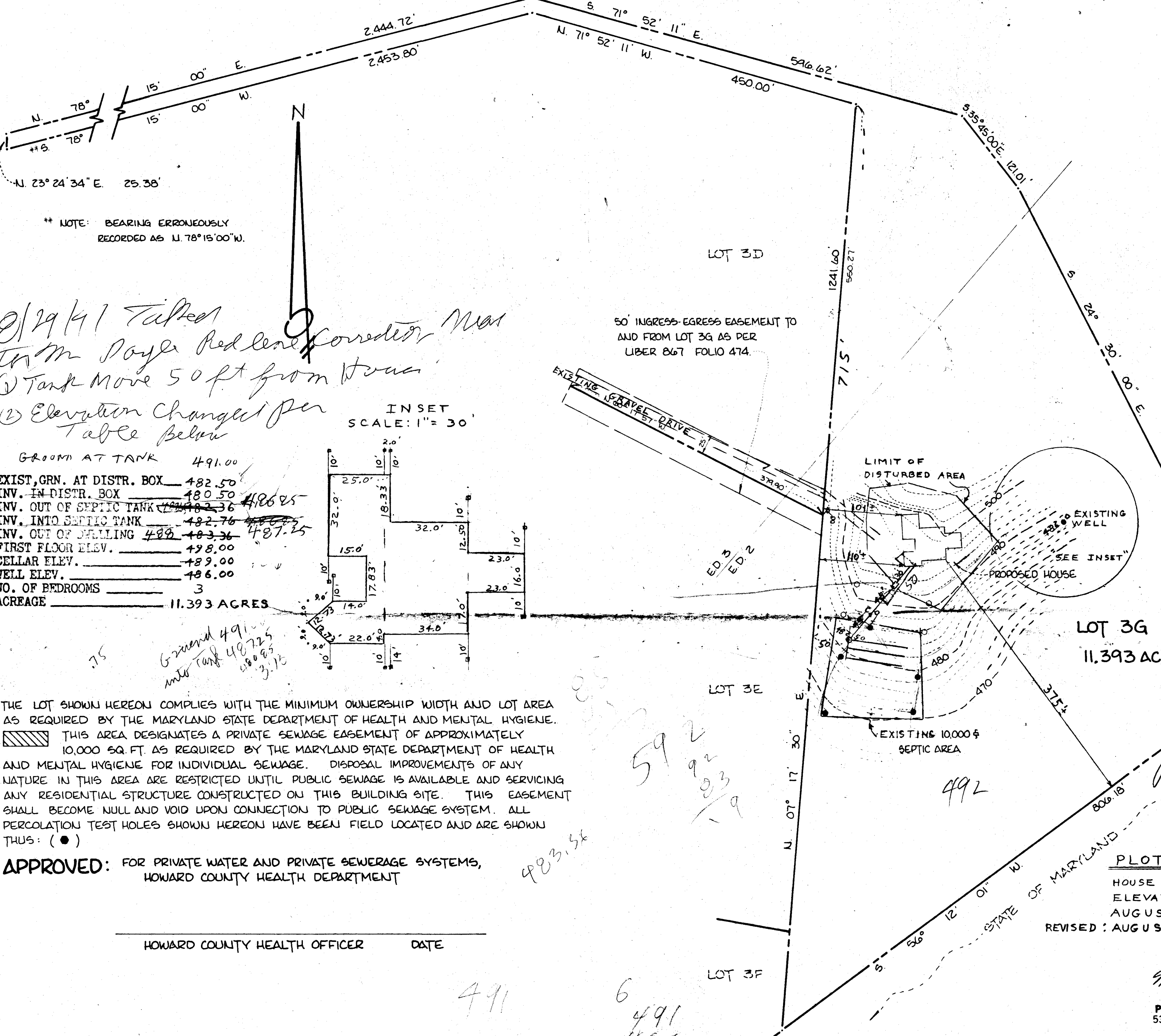
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/14	1s	2'	1:50	2:10	—————		
	d	13'	1:50	1:54	1:54	2:00	6
	2s	2'	1:52	—————	—————	2:00	
	d	12'	1:52	2:00	2:00	2:08	6
	3s	3'	1:54	2:01	2:01	2:07	6
	d	12 1/2'	1:56	2:01	2:01	2:07	6
	4 vis	OK 3-12	Open				
	1s	4'	2:10	2:14	2:10	2:21	7

REMARKS OK - hard bottoms - no problem digging

TYPE OF SOIL penk holes - sandy

TESTED BY Open ALSO PRESENT: \_\_\_\_\_

CAVEY LANE

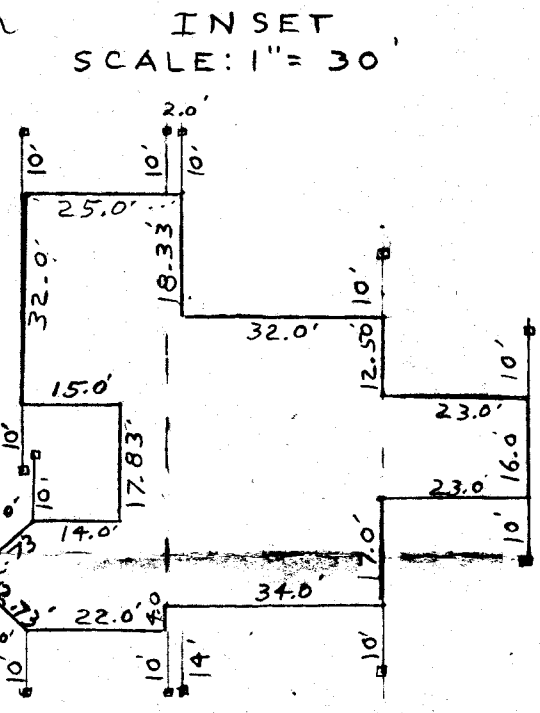


VICINITY MAP  
SCALE: 1" = 2000'

8/29/91 Talked to Mr. Doyle Redline Coordinator  
 1) Tank Move 50 ft from house  
 2) Elevation changed per Table below

GROUND AT TANK 491.00

EXIST. GRN. AT DISTR. BOX	482.50
INV. IN DISTR. BOX	480.50
INV. OUT OF SEPTIC TANK	482.36
INV. INTO SEPTIC TANK	482.76
INV. OUT OF WELLING	483.36
FIRST FLOOR ELEV.	498.00
CELLAR ELEV.	489.00
WELL ELEV.	486.00
NO. OF BEDROOMS	3
ACREAGE	11.393 ACRES



THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE. DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURE CONSTRUCTED ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWAGE SYSTEM. ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND ARE SHOWN THUS: (●)

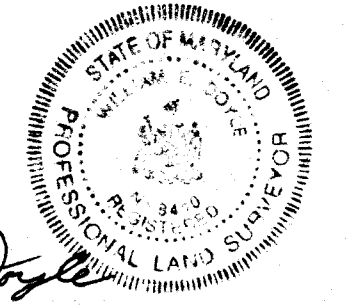
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

Revised Plans per Redline 8/29/91  
 492  
 806.18

PLOT PLAN FOR HOUSE STAKEOUT

HOUSE STAKEOUT AND ELEVATIONS PLOTTED  
 AUGUST 9, 1991  
 REVISED: AUGUST 21, 1991



William E. Doyle  
 WILLIAM E. DOYLE  
 Professional Land Surveyor 8440  
 5312 Emerald Dr. Ph. 795-2210  
 SYKESVILLE, MD 21784

**OWNERS**  
 KENNETH & ANN HART  
 3700 DAISY ROAD  
 WOODBINE, MD 21797  
 301-489-7251

**NOTES:**

- TOPOGRAPHY IS FIELD RUN BY THOMAS. MOORE & ASSOCIATES, INC., AND IS ON AN ASSUMED DATUM.
- CONTOUR INTERVAL = 2'
- DEED REFERENCE: LIBER 1693 FOLIO 729.
- There must be gravity flow of sewerage from the house location to the entire septic system.
- No buildings, easements, rights-of-way, wells, or other permanent or physical objects (man made structures) are allowed in the septic area.
- Unless shown, there are no wells or septic systems within 100' of this property.

**Symbols:** Minimum Building Restriction Lines  
 Front:  
 Rear:  
 Side:

REVISIONS: AS PER HEALTH DEPT. 11/90 COMMENTS

© Thomas, Moore & Associates, Inc.  
 LAND SURVEYORS CONSULTANTS  
 129 G WEST PATRICK STREET  
 FREDERICK, MARYLAND 21701  
 (301) 698-9788

**SKETCH PLAN**  
 FOR RELOCATION OF SEPTIC AREA  
**LOT 3G**  
**WOODSTOCK RIDGE ESTATES**  
 SITUATED OFF CAVEY LANE  
 ELECTION DISTRICT NOS. 2 & 3  
 HOWARD COUNTY, MARYLAND

B 1 5803

SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND  
WATER RESOURCES ADMINISTRATION  
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401  
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)

OWNER COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD COL 36 COL. 58

POST OFFICE COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION

DATE LICENSE NUMBER 77 80

FIRST NAME DRILLER LAST NAME

SIGNATURE

B 3 LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION 23

SECTION 44 LOT 3 42 50

NEAREST TOWN 52

MILES FROM TOWN (ENTER 0 IF IN TOWN) 71

76 77 78

B 2 WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 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
T TEST

B 4 DIRECTION FROM TOWN

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

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N 32 S 32 E 32 W 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34 37 38 39

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N 2 1/2 ft casing
2 1/2 ft open hole
6 bags cement
Seal other side

APPROXIMATE DEPTH OF WELL 24 28 FEET

APPROXIMATE DIAMETER OF WELL (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 ENGINEER REVIEW DISTRICT NO.
FORCE WRITE INITIALS IN BOX CONDITIONS

BOX NUMBER E 820 N 546

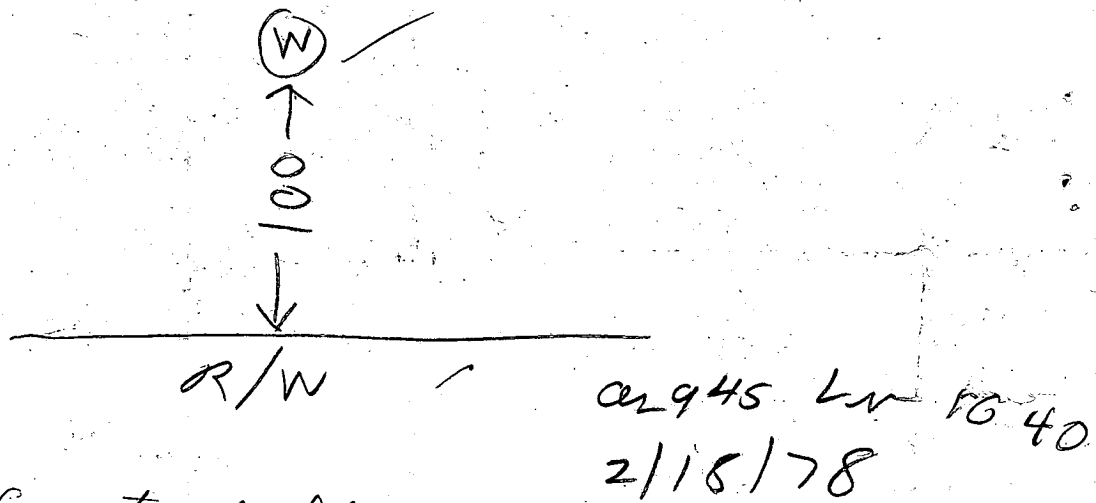
B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6
STATE HEALTH COUNTY NAME COUNTY NO.
DATE APPROVED BY

NORTH COORDINATE EAST COORDINATE ELEVATION AT WELL HEAD (FEET)

B 5 SPECIAL CONDITIONS 8-69 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6



- ① Well Grout itself is OK but not sure of location in relation to person
- ② We must also find out which lot 3 this is. There are several lot 3's in this development

R.H. MB

- ③ Well located about 100 ft from where the right of way appears to Be, so snow on ground today

R.H. MB

2/17/78

Held for Review with DM He said show location of Well & Septic system area on plat

C 1 5122  
 SEQUENCE NO. (WRA USE ONLY)  
 1 2 3 (SEQ. NO.) 4 5 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) 2/16/78  
 DATE WELL COMPLETED 2/16/78  
 DEPTH OF WELL 22 (TO NEAREST FOOT) 26  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 16-23-3487  
 DRILLERS IDENTIFICATION NO. 52

OWNER JACK FISHER  
 LAST NAME FIRST NAME  
 STREET OR RFD 10351 CHEVY LANE POST OFFICE WOOD ST. Md. 21163

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	
brown sand	2	5	
fine sand	5	22	
fine sand	22	23	
fine sand	23	25	
fine sand	25	29	
fine sand	29	30	
fine sand	30	32	
fine sand	32	35	
fine sand	35	38	
fine sand	38	41	
fine sand	41	45	
fine sand	45	47	
fine sand	47	51	

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  M  B BENTONITE CLAY  C  
 NO. OF BAGS 10 NO. OF POUNDS 1000  
 GALLONS OF WATER 30  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 19 FT.

CASING RECORD

(CIRCLE 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) 41

EACH CASING

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

C 2

DEPTH (NEAREST WHOLE FOOT) FROM 17 TO 300

EACH SCREEN

SCREEN NO.	DIAMETER (INCH)	DEPTH (FEET) FROM	TO
1	1 1/2	17	300
2			
3			

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

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  F  F

C 3

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 20 (NEAREST FOOT) WHEN PUMPING 300 (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) 29

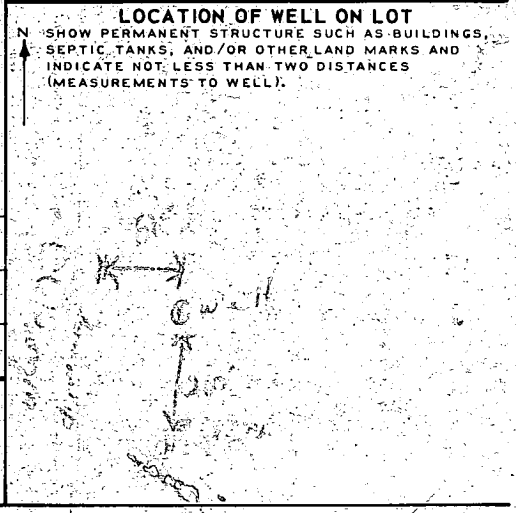
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N

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 } 2 (NEAREST FOOT)  
 BELOW }



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. EASTERDAY

(PLEASE PRINT) L. F. Easterday

SIGNATURE L. F. Easterday

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

TELESCOPE CASING  T  W LOG INDICATOR  O  S  A OTHER DATA AVAILABLE  70  72  74  75  76

B 1 **5437** SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS: 3-6 ON ALL CARDS)

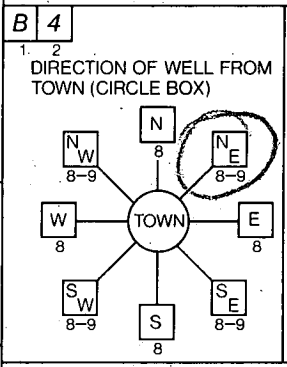
STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER **7H15746**  
**40-88-1937**  
fill in this form completely

Date Received (APA) **07/19/91** **GROUT 2004791 900 AM**  
OWNER INFORMATION  
Last Name **Hart**, Owner **Kenneth**, First Name  
Street or RFD **3700 Daisy Rd**  
Town **Woodbine**, State **MD**, Zip **21797**

LOCATION OF WELL  
COUNTY **HOWARD**  
SUBDIVISION **WOODSTOCK RIDGE**  
SECTION **6**, LOT **35**  
NEAREST TOWN **WOODSTOCK**  
MILES FROM TOWN (enter 0 if in town) **1 MI**

DRILLER INFORMATION  
Driller's Name **George F. Easterday**, License No. **40**  
Firm Name **L. Franklin Easterday INC**  
Address **2625 Brown Church Rd. Mt. Airy Md**  
Signature **George F. Easterday**, Date **7-19-91**



NEAR WHAT ROAD **10341 Cavey Ln**  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
Compass diagram showing directions N, NE, E, SE, S, SW, W, NW. **E** is circled.  
DISTANCE FROM ROAD **100** FT or MI **FX**

WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
COUNTY NAME **Howard**, COUNTY NO. **A 46459**  
STATE SIGNATURE \_\_\_\_\_, DATE ISSUED **07/19/91**  
CO SIGNATURE **L. Franklin Easterday**, EXP. DATE **1/19/92**  
NORTH GRID **543000**, EAST GRID **0839000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **200** INCH

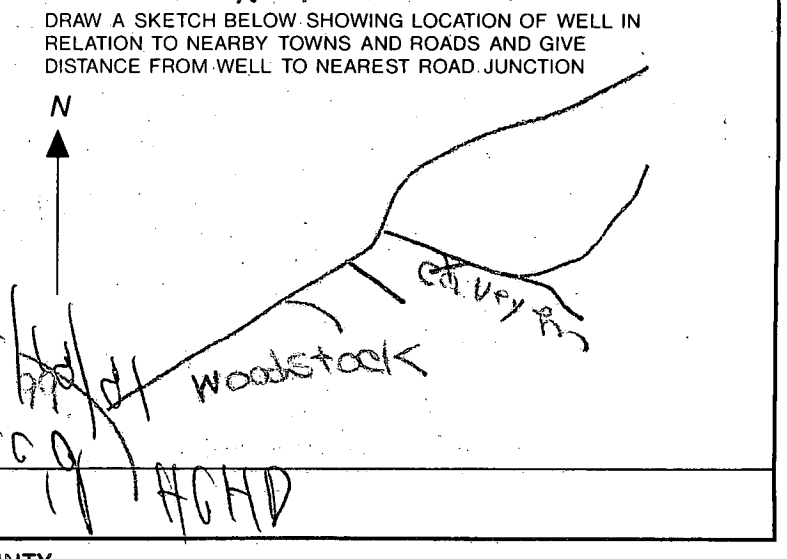
METHOD OF DRILLING (circle one)  
 BORED (or Augered),  JETTED,  Jetted & DRIVEN  
 AIR-ROTARY,  AIR-PERCussion,  ROTARY (Hydraulic Rotary)  
 CABLE,  REVerse-ROTary,  Drive-POINT  
other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. **Well**  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
WRITE THE BOX NUMBER FROM THE MAP HERE  
**839 E**, **543 N**  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
FORCE **MR** WRITE INITIALS IN BOX, PERMIT No. **40-88-1937**

SPECIAL CONDITIONS



Pump test 7-29-91 8:30am  
Unable to inspect. Rain - short staffed. JEN

Rec'd  
A/C/H/D  
7/19/91



C1 3455 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 46459

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 07 26 91

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-88-1937

OWNER HART, KENNETH last name CAVEY LANE first name TOWN WOODSTOCK SUBDIVISION WOODSTOCK RIDGE SECTION LOT 36

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Top soil, clay, shaley, Hard sand, Stone, Granite, Flint, Granite.

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS 8 NO. OF POUNDS 800

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 28

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL BRONZE HOLE PLASTIC OTHER

DEPTH (nearest ft.) HO 26 400 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

CIRCLE APPROPRIATE LETTER 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE Robert J. Easterday

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Charles R. Fuller

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 100 WHEN PUMPING 202 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

