

10/28/85
WPI 11/5/85

04-310914

Approved 10/28/85
BN/CW.

PERMIT

P 36017
A 35282

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEXED

{ I.C.O.P.
Time expired }

ELLICOTT CITY
DISTRICT 4th
DATE 9/20/85

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION Woodcamp Farms ROAD 17511 Woodcamp Road LOT 15

PROPERTY OWNER Mike Kessler

ADDRESS 1749 Heatherwood Way, Sykesville, Md. 21784 Phone: 442-5628

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1,250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. sidewall area per bedroom. Trench to be 2 ft. wide. Inlet 3 ft. below original grade. Bottom maximum depth 8 ft. below original grade. Effective area begins at 3 ft. below original grade. 5 feet of stone below distribution pipe. Start the first trench 250 ft. from the front lot line and 40 ft. from the left lot line as seen when facing the property from Woodcamp Road. Run trenches along level ground toward right side of lot.

PLANS APPROVED BY Craig Williams DATE May 20, 1985

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

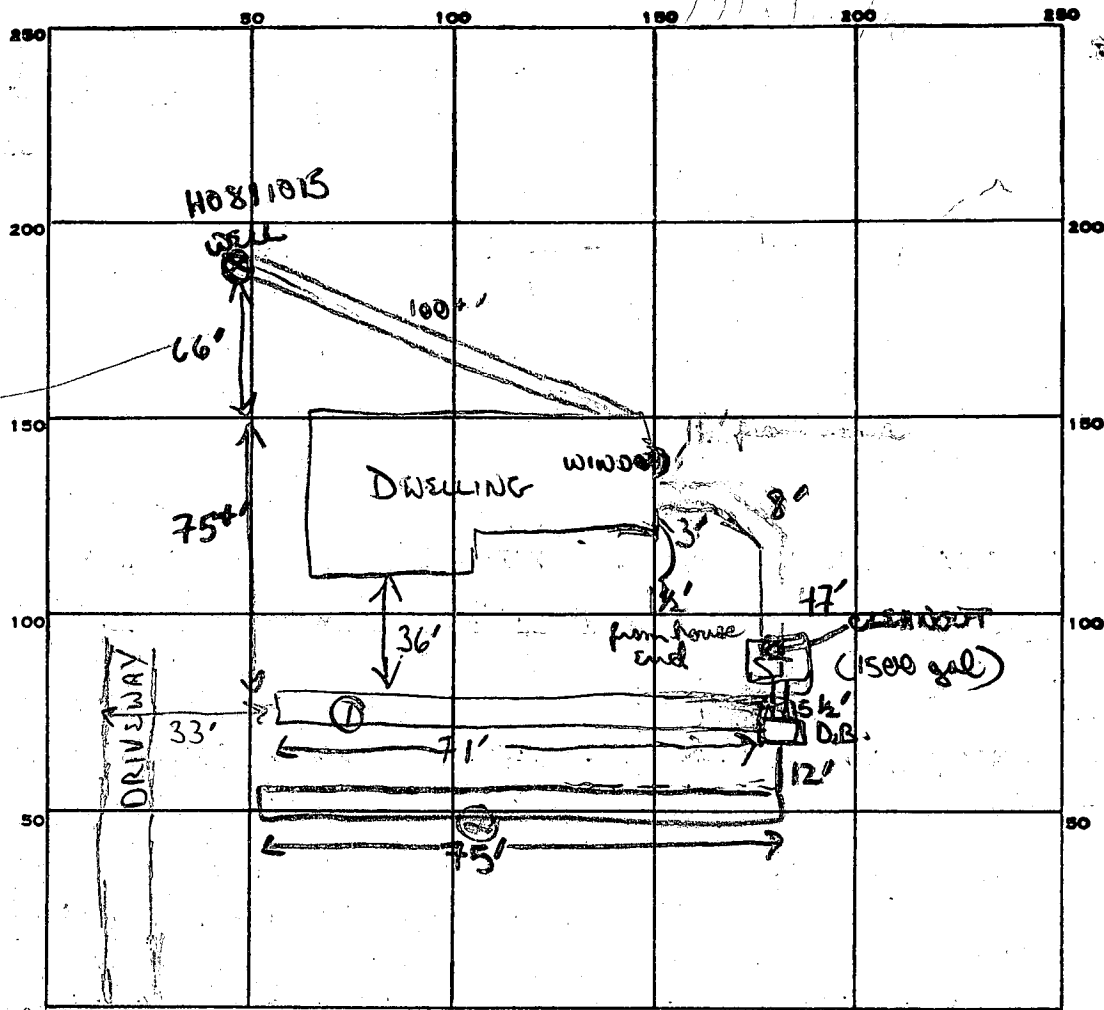
PERMIT VOID AFTER THREE YEARS.

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

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

35282



180
4
720 total needed

PERMIT CARD _____

SEPTIC TANK, LEVEL

CLEANOUTS 1 (S.T.)

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 ft TOTAL LENGTH 71 + 75 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 355 + 375 = 730 SQ. FT.

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 10/28 OK TO ADD STONE, PIPE + COVER TRENCH 1

OK TO PROCESS ON TRENCH 2

10/28 OK to finish covering trench #2, S.T. + D.B.
All else OK + completed

DATE SYSTEM APPROVED

10/28/85

INSPECTOR

B. Difer / CW

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35282

P _____

*5/2/85
1:30 PM
Robert*

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 4/15/85

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 Michael Kessler
ADDRESS 17511 Woodcamp Rd
1749 Heatherwood Way, Sykesville PHONE 442-5628

PROPERTY LOCATION:

SUBDIVISION Wood Camp Farm LOT NO. 15
ROAD AND DESCRIPTION Wood Camp Rd.

SIZE OF LOT 3.037 ac. TYPE BLDG. 4 bedroom 2 story
(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.

George S. Stein
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR TRENCHES DATE 5/2/85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

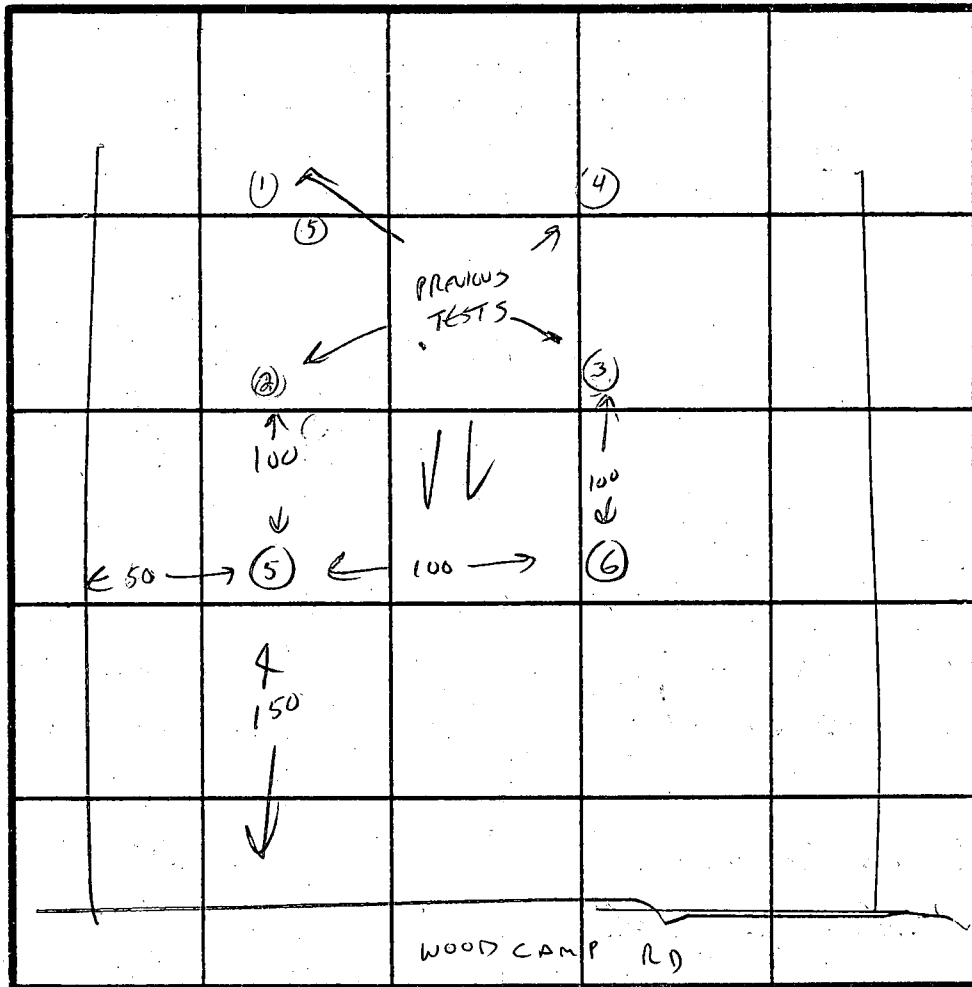
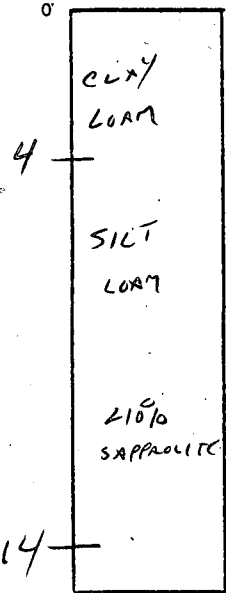
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 6/20/85
65344 for 4BR SFD

THIS IS NOT A PERMIT

546

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	OLD 2	4'					7 MIN
		13'					14 MIN
	OLD 3	3 1/2'					5 LOW
		12 1/2'					13 MIN
	5	5'					10-15 MIN SOIL IF TESTED
		14'	VISUAL	SILT LOAM	LITTLE	SAPPROLITE	
	6	5'					10-15 MIN SOIL IF TESTED
		14'	VISUAL	SILT LOAM	- LITTLE	SAPPROLITE	

REMARKS

TYPE OF SOIL SILT LOAM (TIGHT)

TESTED BY C. Williams

ALSO PRESENT SKIP, OWNER

APPLICATION

*Permit
5/14/79*

SEWAGE DISPOSAL TESTING

A 29823

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th.

DATE 5/8/79

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 Wayne C. Hough
ADDRESS 17740 Hardy Road Boender Associates
Mt. Airy, Md. 21771 PHONE 465-7777

PROPERTY LOCATION
SUBDIVISION Woodcamp Farms LOT NO. 13-15
19, Section 1

ROAD AND DESCRIPTION Hardy Road

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

SIGNATURE OF APPLICANT /s/ Wayne C. Hough

APPROVED BY Raymond Hodger FOR Ditch Dry Well DATE 11/24/80

REJECTED BY _____ FOR _____ DATE _____

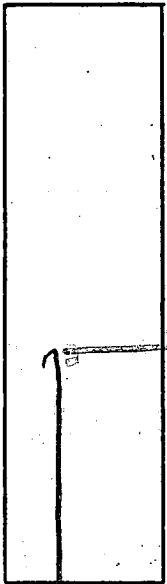
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/14/79 Dig more (slow) R/H 5/22/79 Held for Review
with DM. He said perc time O.K. R/H 11/24/80 F. Hodger
Plat signed R/H

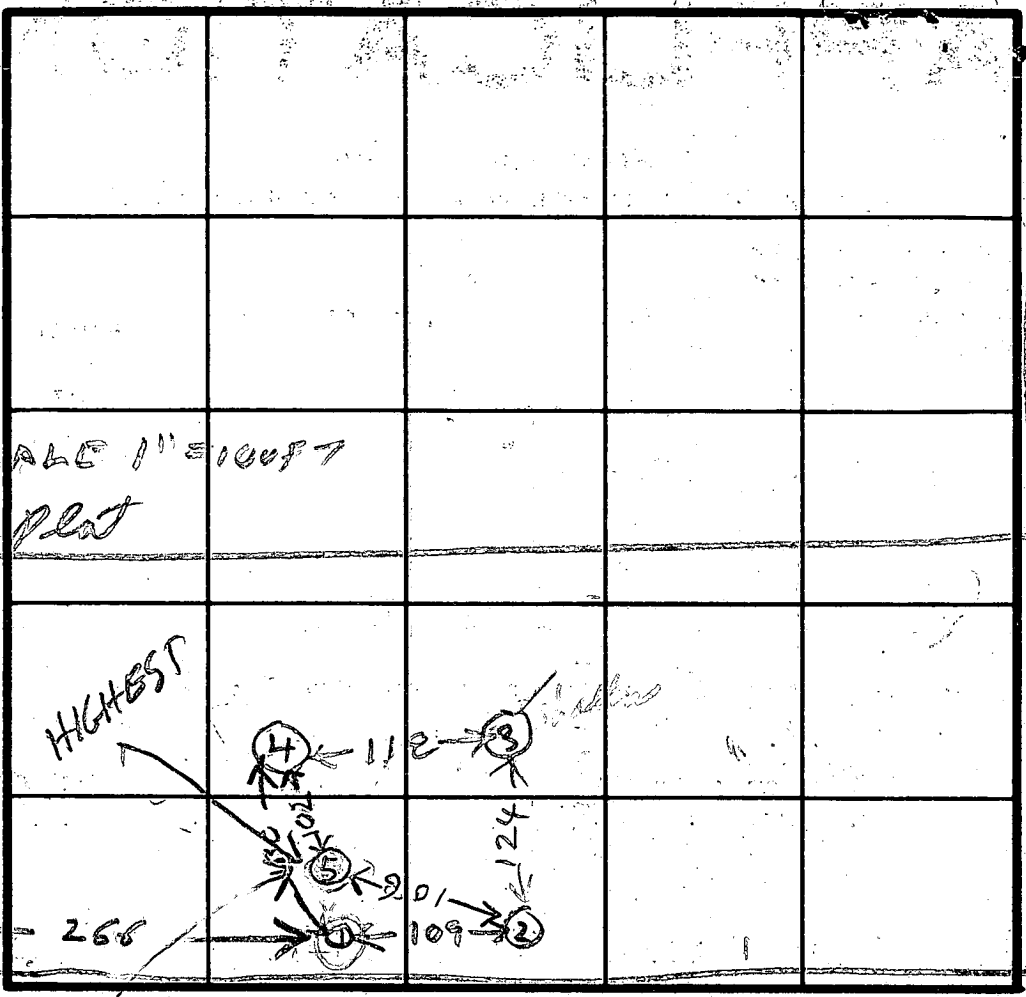
THIS IS NOT A PERMIT

1915

SOIL PROFILE



SCALE 1" = 100 FT
See plat



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
5/14/79	1 D	12 1/2	233	242	242	318	36	HIGH
	2 S	4	233	237	237	242	5	
	2 D	13	238	254	254	308	14	LOW
	2 S	4	238	241	241	248	7	
	3 S	3 1/2	249	319	Failure	FAIL		LOWEST
	3 D	12 1/2	249	257	257	310	13	
	4 V	12 1/2	TOP 4 FT CLAY BOT 2 1/2 SANDY LOAM					NEXT HIGHER
	3 M	5 1/2	321	328	328	336	8	
5/15/79	5 S	4	324	326	326	330	4	SAME ELEVATION AS 1
	5 D	13	324	330	330	340	10	

HOLE 5 IS HIGHEST CHECKED SITE
REMARKS at time 9 Max Depth 4 WITH BOENDER
HOUGHT 8/13/80

TYPE OF SOIL:

TESTED BY

RH

ALSO PRESENT

GARY DENNY

B 1 2360

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1015

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

6/7/85 1:30 p.m. please print or type

fill in this form completely

Date Received

09/2/85

OWNER INFORMATION

KASSLER MICHAEL C.

6410 HILLCREST RD.

DUKESVILLE MD 21794

B 3

LOCATION OF WELL

HOWARD

WOODCAMP FAEN

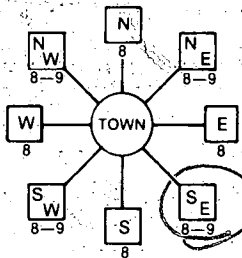
SECTION LOT 1.5

MOUNT APLEY

MILES FROM TOWN (enter 0 if in town) 6 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



WOODCAMP Rd.

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD 600

ENTER FT or MI

DRILLER INFORMATION

Ronald L. Kyker 296

Westminster Rotary Well Drilling, Inc

P.O. Box #861, Westminster, Md. 21157

Signature Date 11/2/85

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME AZ 35308 COUNTY NO.

OEP SIGNATURE DATE ISSUED

052085 CO SIGNATURE EXP. DATE

NORTH GRID 549000 EAST GRID 0765000

APPROXIMATE DEPTH OF WELL 175 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST 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

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)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

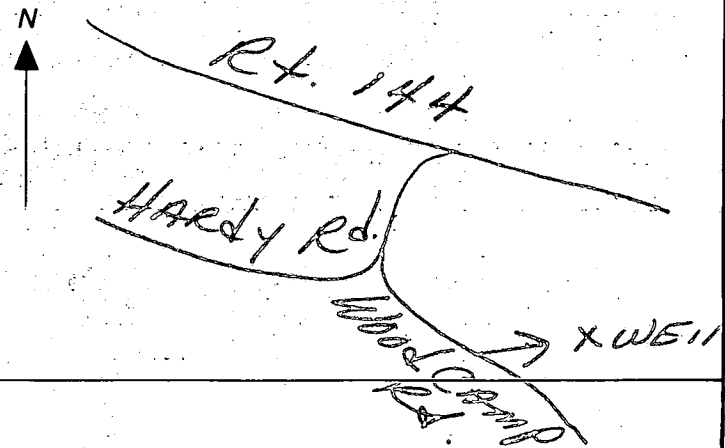
SOURCES OF DRILLING WATER

- 1. CITY
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE CW WRITE INITIALS IN BOX PERMIT No. 40-81-1015

SPECIAL CONDITIONS

C1 2283 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 060785

DEPTH OF WELL grid: 220

PERMIT NO. grid: 40-81-1015

OWNER: KESSLER MICHAEL; STREET OR RFD: WOODCAMP RD; TOWN: MOUNT AIRY; SUBDIVISION: WOODCAMP FARM; SECTION: ; LOT: 15

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, FEET (FROM, TO), Check if water bearing. Rows include Dirt, Soft Brown Mica, Hard Blue & Brown Shale, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY)

NO. OF BAGS: 31; NO. OF POUNDS: 2914; GALLONS OF WATER: 186; DEPTH OF GROUT SEAL

CASING RECORD: casing types (STEEL, CONCRETE, PLASTIC, OTHER)

MAIN CASING: Nominal diameter, Total depth, CASING TYPE

OTHER CASING (if used): diameter, depth

SCREEN RECORD: screen type or open hole (STEEL, BRASS, OPEN HOLE, PLASTIC, OTHER)

DEPTH (nearest ft.) grid; SCREEN RECORD grid

SLOT SIZE, DIAMETER OF SCREEN

GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

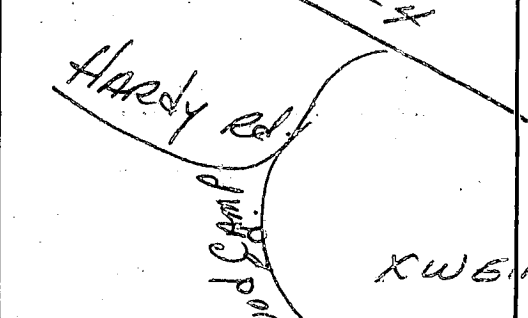
PUMPING TEST: C 3

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL, WHEN PUMPING, TYPE OF PUMP USED (Submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE

LOCATION OF WELL ON LOT: SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS



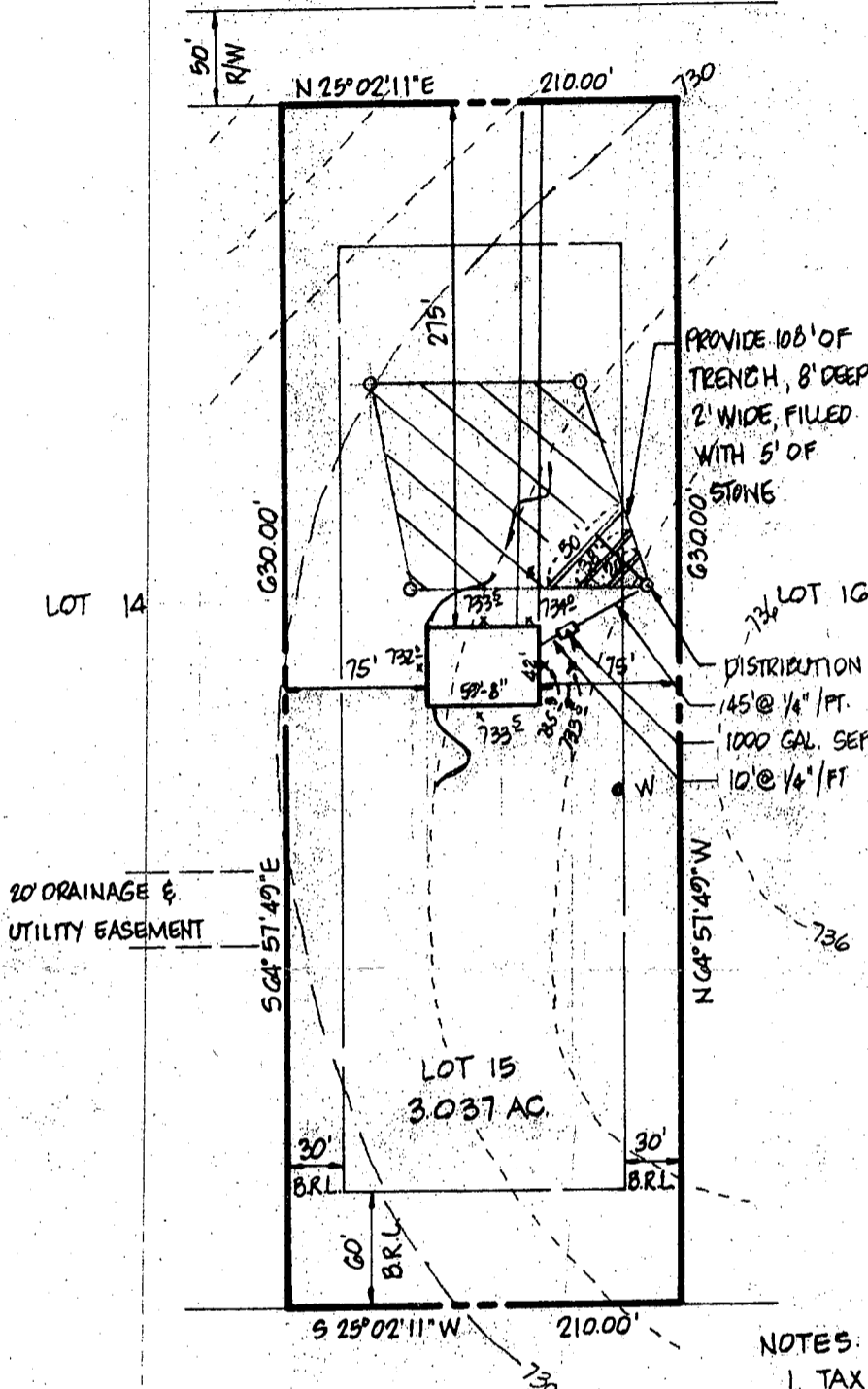
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED; E ELECTRIC LOG OBTAINED; P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13. "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 296; Ronald L. Kyker; DRILLERS SIGNATURE; SITE SUPERVISOR

WOODCAMP ROAD

6/20/85
 Sketch OK
 S



- HOUSE
 1ST FL. = 735.0
 BSMT = 726.7
 INV. OUT = 732.6
- SEPTIC TANK
 EX. GR. = 733.3
 FIN. GR. = 733.3
 INV. IN = 732.39
 INV. OUT = 732.14
- DISTRIBUTION BOX
 EX. GR. = 734.2
 FIN. GR. = 734.2
 INV. IN = 731.2
- WELL
 EX. GR. = 735.0
 FIN. GR. = 735.0

PROVIDE 100' OF
 TRENCH, 8' DEEP
 2' WIDE, FILLED
 WITH 5' OF
 STONE

DISTRIBUTION BOX
 145' @ 1/4" / FT.
 1000 GAL. SEPTIC TANK
 10' @ 1/4" / FT.

20' DRAINAGE &
 UTILITY EASEMENT

- NOTES:
1. TAX MAP: 7.
 2. CONTRACTOR TO SET GRADES IN FIELD.
 3. HOUSE TO HAVE 3 BEDROOMS.
 4. TOPO SHOWN HEREON IS BASED ON THE DRAINAGE AREA MAP IN F-81-23.

B.P.# 65344

PLAT REFERENCE: WOODCAMP FARM, PLAT 4703

TITLE: GRADING STUDY				
PROJECT: LOT 15 - WOODCAMP FARM - SEC. 1				
LOCATION: 4TH ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1"=100'	DESIGNED BY:	DRAWN BY: J.J.B.	CHECKED BY:	DATE: MAY, 1985
FIELD BOOK:	PAGE NO.:	JOB NO.: 1 OF 1	DRAWING NO.: 85067	

boender associates
 inc.
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 13011 465-7777

11/5/85

WELL PUMP INSPECTION

Owner's Name: Mr. & Mrs. Michael Kessler

Address:

LOCATION OF PROPERTY: Woodcamp Farms - Lot 15
17511 Woodcamp Road

WELL TAG NUMBER: 11021 10/5

PLUMBER OR CERTIFIED PUMP INSTALLER:

Albert Feidler
6323 Montgomery Road
Elkridge, Maryland 21227

Phone Number:

796-0717

License Number:

2177

Receipt Number:

36148

Date:

10/29/85

Comments:

O.K. TO PROCEED

Inspection: 11/5/85

- ① TAG OK
- ② WIRES OK
- ③ PITLESS ADAPTOR OK
- ④ PIPE OK
- ⑤ Pressure tank & Relief Valve OK

Date Well Pump Inspection Was Approved:

11/5/85

Inspector:

Raymond Dyer