

12/10/79 File opened
C.B.S.

12/7/79
a.n. if possible

PERMIT

P 30400

SEWAGE DISPOSAL SYSTEM

A 26897

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

12/10/79
after lunch

DISTRICT 3rd.

INDEXED

DATE 12/5/79

Robert Orndorff IS PERMITTED TO INSTALL x ALTER

286-2131

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

SUBDIVISION Heatherwood ROAD 13075 Old Frederick Rd. LOT Lot 3

PROPERTY OWNER W. H. M. Associates

ADDRESS 6655 Dobbin Road, Columbia, Md. 21045 PHONE: 997-3363

SPECIFICATIONS

4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

Dry Well

SEEPAGE PITS x ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 4.5 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 13 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4.8" FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 120 FT. FROM front LOT LINE AND 35 FT. FROM left LOT LINE AS SEEN WHEN

FACING LOT FROM Old Frederick Road

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM. LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND.

PLANS APPROVED BY Raymond Hodges DATE November 5, 1977

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.

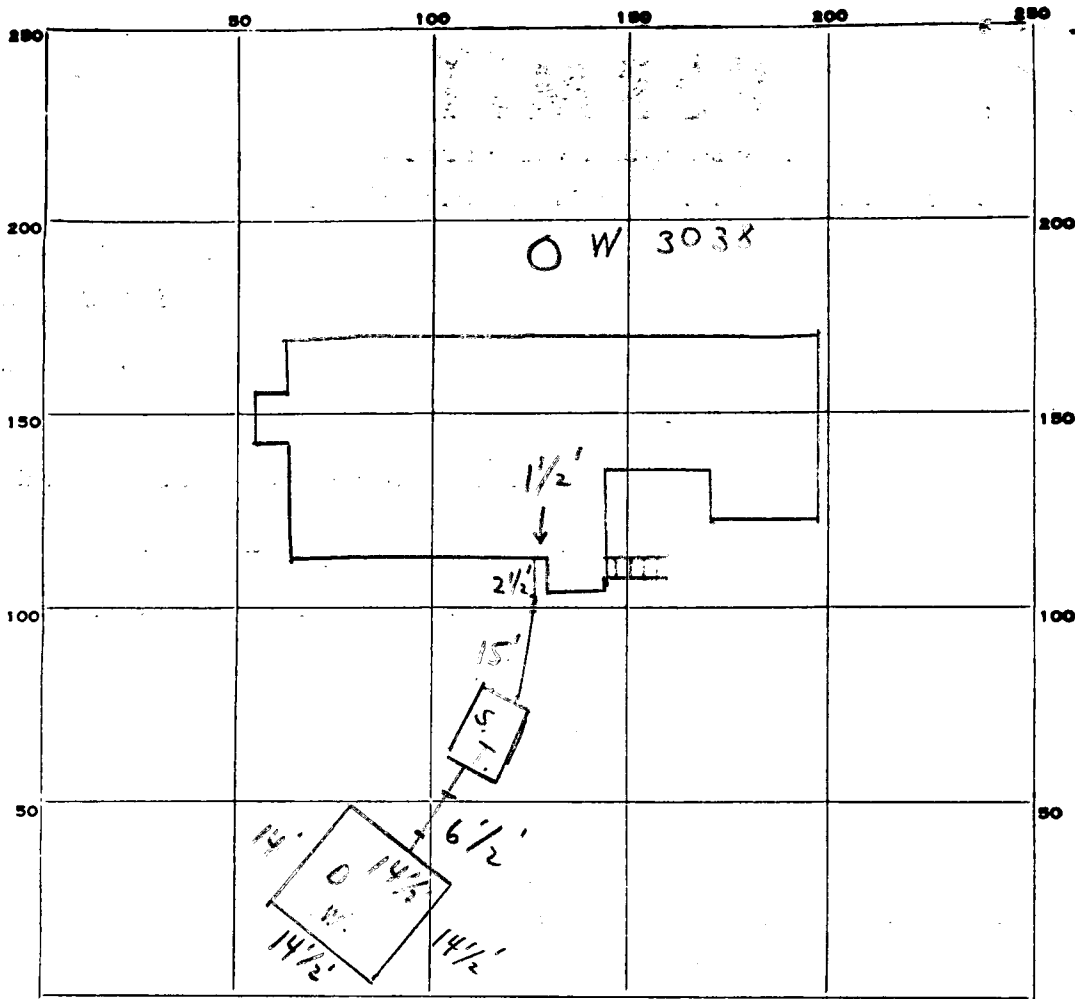
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

A 26897



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

OLD FREEDOM ROAD

PERMIT CARD S.T. DW
 SEPTIC TANK, LEVEL CLEANOUTS
 DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 57.5 FT. * DEPTH BELOW INLET 8 1/3' FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS 12/7/79 CHECKED - DISTANCE FROM 20' C" TO COVER
FROM HOUSE TO DRYWELL. C.B.S. 12/10/79 TRENCH NEEDED C.B.S.
8" OR * Inlet to be 4" - 8" less from existing grades at dry well.
12/10/79 @ site - P.M. INLET RAISED TO JUST BELOW LID OF DRYWELL. C.B.S. & F.F.
 C.B.S.

DATE SYSTEM APPROVED 12/10/79 INSPECTOR C.B. Streaker

Permit
9/29/77
9:30 A.M.

APPLICATION

A 26897

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

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

DATE 9/19/77

*See separate sheet
for specs*

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 EDWARD J. KASEMEYER

ADDRESS 2590 PFEFFERKORN Rd. PHONE 442-2297
461-1756

PROPERTY LOCATION:

SUBDIVISION HEATHERWOOD LOT NO. 3

ROAD AND DESCRIPTION Rt. 99 1 mi. W of Rt. 32 ON LEFT

SIZE OF LOT 1A TYPE BLDG. 3
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 Edward J. Kasemeyer

APPROVED BY Raymond Hodge FOR Dry Well DATE 11/5/77
(KIND OF SYSTEM)

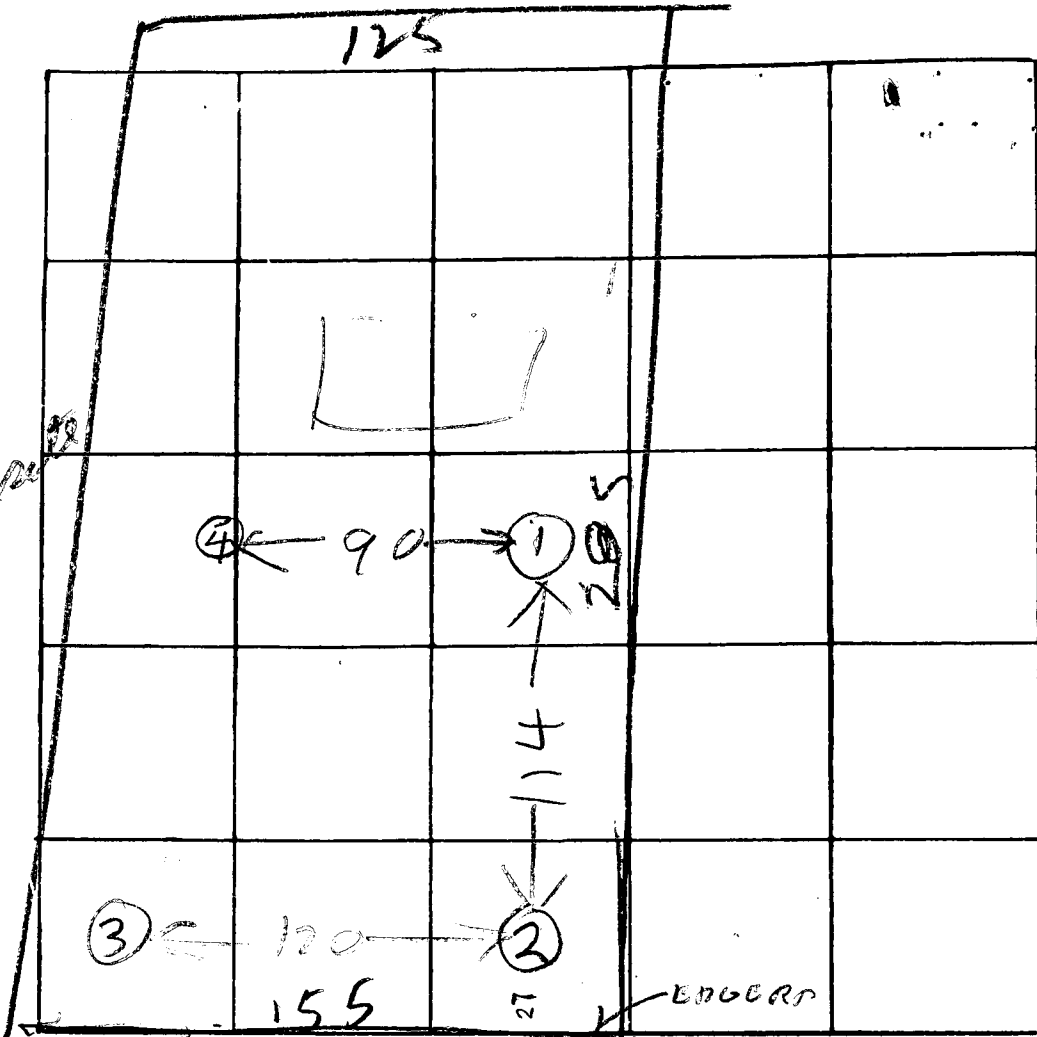
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/29/77 Perc OK Hold for Plat (A) H
10/6/77 Held for Review with FF Perc OK R/H
11/5/77 Final Plat signed

THIS IS NOT A PERMIT

See plot for 15 & 20



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

OLD FREDERICK RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/29/77	1S	5	1019	1027	1027	1050	23
9/29/77	1D	13	1021	1022	1022	1027	5
	2D	12	1032	1034	1034	1039	5
	2S	4	1032	1050	1050	1103	15
	3V	13	TOP 4 FT CLAY		BUT 9 FT SAND		
	4S	5	1047	1048	1048	1051	3
9/29/77	4D	13	1052	1054	1054	1057	3

Hole
Elevation

LOW

LOW

NEXT
14-16

High
use for W

REMARKS

TYPE OF SOIL

TESTED BY

Raymond Hody

ALSO PRESENT:

R. Barth

LEGEND:

- 1. Contour Interval 2 Ft.
- 2. Exist. Contour - - - - - 580
- 3. Proposed Contour - - - - - 580
- 4. Spot Elevation + 80.5
- 5. Direction of Drainage →
- 6. Ex. Trees to be Retained (W)
- 7. Ex. Water Well (W)

SITE DEVELOPMENT PLAN

LOT 3

WILSON PROPERTY

SECTION 1 AREA 1

3RD ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

Scale: 1"=50'

Date: March, 1978

GENERAL NOTES:

1. Lot 3 is recorded on Plat 3871.

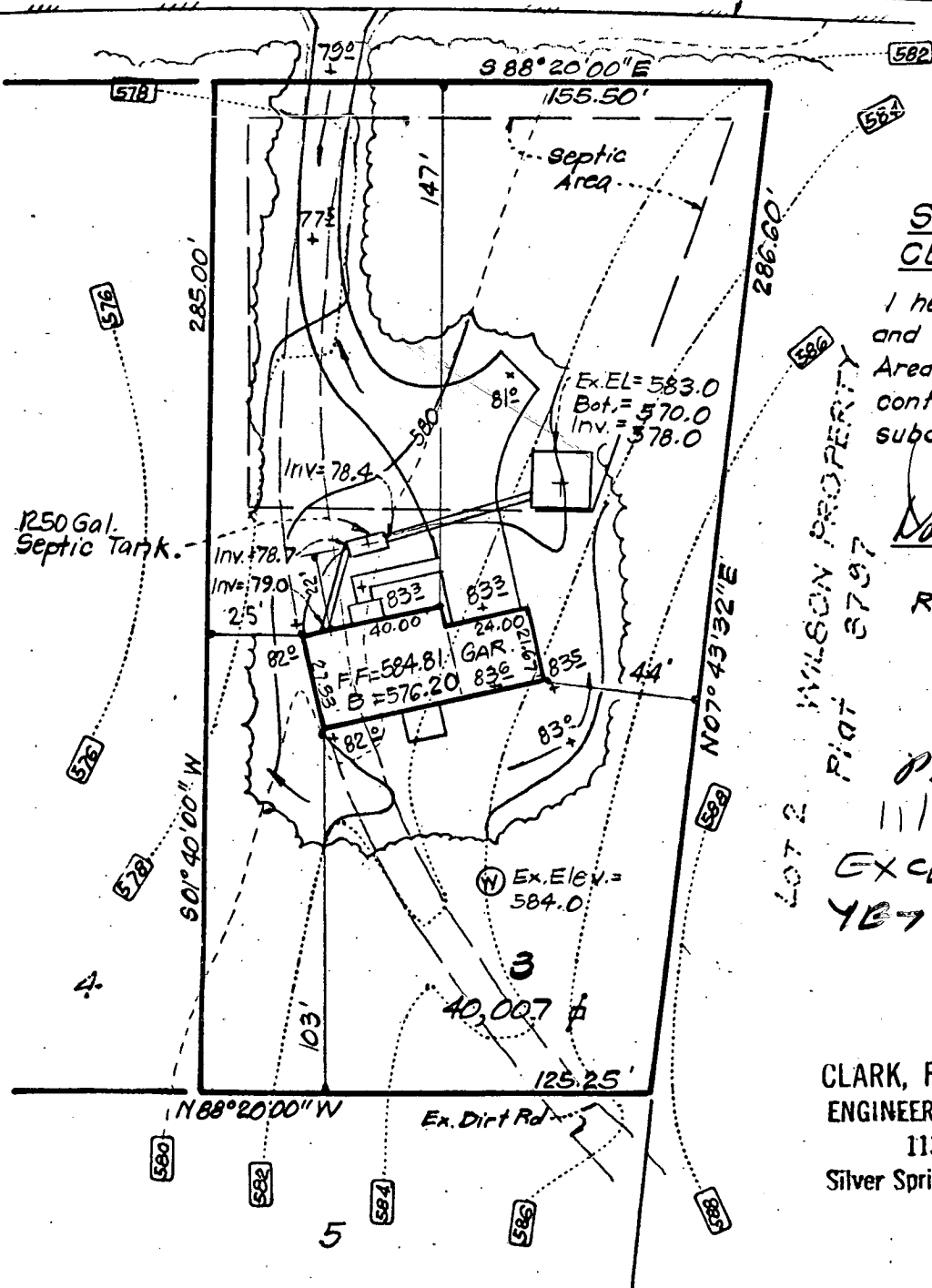
NOTE:

Basement will not sewer by gravity.

OLD FREDERICK ROAD

ROAD

Ex. Paving



SURVEYOR'S CERTIFICATE

I hereby certify that location and elevations of the Septic Area, as shown, is correct and conforms with the final subdivision plat

Donald B. Sackett

DONALD B. SACKETT
Registered Land Surveyor
Md. No. 6059

11/13/78

Date

PLANS OK
11/13/78 RH

EXCEPT WELL NOT
YET INSTALLED

CLARK, FINEFROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
11315 Lockwood Drive
Silver Spring, Md. 20904 593-3400

B 1 0120 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, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER HO-75-3038 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 1/9/79 9:30 a.m.

OWNER: COL 15 LAST NAME COL 16 FIRST NAME COL 17 COL 18 COL 19 COL 20 COL 21 COL 22 COL 23 COL 24 COL 25 COL 26 COL 27 COL 28 COL 29 COL 30 COL 31 COL 32 COL 33 COL 34 COL 35 COL 36 COL 37 COL 38 COL 39 COL 40 COL 41 COL 42 COL 43 COL 44 COL 45 COL 46 COL 47 COL 48 COL 49 COL 50 COL 51 COL 52 COL 53 COL 54 COL 55 COL 56 COL 57 COL 58 COL 59 COL 60 COL 61 COL 62 COL 63 COL 64 COL 65 COL 66 COL 67 COL 68 COL 69 COL 70 COL 71 COL 72 COL 73 COL 74 COL 75 COL 76 COL 77 COL 78 COL 79 COL 80 COL 81 COL 82 COL 83 COL 84 COL 85 COL 86 COL 87 COL 88 COL 89 COL 90 COL 91 COL 92 COL 93 COL 94 COL 95 COL 96 COL 97 COL 98 COL 99 COL 100

B 1 CONTINUED DRILLER INFORMATION 1 2 3 (SEQ. NO.) 6 DATE 10/12/78 LICENSE NUMBER 154 77 80 FIRST NAME LAST NAME SIGNATURE

B 3 LOCATION OF WELL 1 2 3 (SEQ. NO.) 6 COUNTY SUBDIVISION SECTION LOT NEAREST TOWN MILES FROM TOWN (ENTER 0 IF IN TOWN) 79 76 77 78

B 2 WELL INFORMATION 1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500 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 MUST HAVE STATE HEALTH DEPT. APPROVAL

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) 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 NORTH S SOUTH E EAST W WEST DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 150 34 37 38 39

APPROXIMATE DEPTH OF WELL 24 26 FEET 200'

APPROXIMATE DIAMETER OF WELL (NEAREST INCH) 6"

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGERED) JETTED DRIVEN 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER (DESCRIBE)

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 (WRA USE ONLY) APPROPRIATION PERMIT NUMBER ENGINEER REVIEW DISTRICT NO. FORCE WRITE INITIALS IN BOX CONDITIONS A E N S G W Q C L U

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL 1 2 3 (SEQ. NO.) 6 Howard H29124 41 S STATE HEALTH COUNTY NAME COUNTY NO. MO. DAY YR. APPROVED BY Donald W. Monaghan, Sanitarian

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 42' CASING 2' ABOVE GR. 40' OPEN HOLE 13 BAGS CEMENT 8/11/9179

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY) 1 2 3 (SEQ. NO.) 6

C 1 0386
 (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 IN 30 DAYS AFTER WELL COMPLETE
 COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 11/9/78
 DATE WELL COMPLETED 128
 DEPTH OF WELL 128 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 73-3038
 DRILLERS IDENTIFICATION NO. 154

OWNER: W H M ASSOCIATES
 LAST NAME: W H M FIRST NAME: ASSOCIATES
 STREET OR RFD: 1000 CENTURY PLAZA POST OFFICE: Columbia, Md. 21045

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	3	
RED CLAY	3	5	
BROWN SHALE	5	36	
GRANITE ROCK	36	128	*

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 13 NO. OF POUNDS 45 46
 GALLONS OF WATER 78
 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 41 FT.

CASING RECORD

MAIN CASING TYPE: ST (STEEL) NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 42

OTHER CASING (IF USED)

DIA	DEPTH	DIA	DEPTH
(INCH)	(FEET)	(INCH)	(FEET)

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: ST (STEEL) BR (BRASS OR BRONZE) HO (OPEN HOLE)
 PL (PLASTIC) OT (OTHER)

DEPTH (NEAREST WHOLE FOOT)

FROM 41 TO 128

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

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 (F)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 75
 METHOD USED TO MEASURE PUMPING RATE: WATCH & RUNOFF

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 36 (NEAREST FOOT)
 WHEN PUMPING 80 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)

(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 () BELOW LAND SURFACE (NEAREST FOOT) 1

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: Mid. Drilling Co.
 SIGNATURE: John Shells

PITLESS ADAPTER