5/23/78 P.C.O
4/1/78 F.C.O C.B.O
P 27601 C.B.O
A 26606

6/1/78

5/23/78 Rough - No Drop

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 2/27/278

Hobson & Sons, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 3606 Oxwed Court, Westminster, Md. 21157 PHONE

SUBDIVISION Westcliffe Manor ROAD Off Underwood Rd. LOT New Lot 17

PROPERTY OWNER Hobson & Sons, INc.

ADDRESS Same aaa above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

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

SEEPAGE PITS ____ ABSORBENT SIDE-WALL AREA 288 SQ. FT. Total sidewall area in the drywell

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT ____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 100 FT. FROM Barberry Way LOT LINE AND 50 FT. FROM left LOT LINE AS SEEN WHEN FACING LOT FROM

TRENCH: Inlet 3 ft. and Maximum depth 10+ ft.. Trench to be 65 ft. long and to run on contour towards right property line. 390 3 ft. 10 4 1 3 5 ft. 9.

PLANS APPROVED BY D. J. O'Neill DATE 10-10-77

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.

BLDG. PERMIT SIGNED AND RETURNED 2/27/78

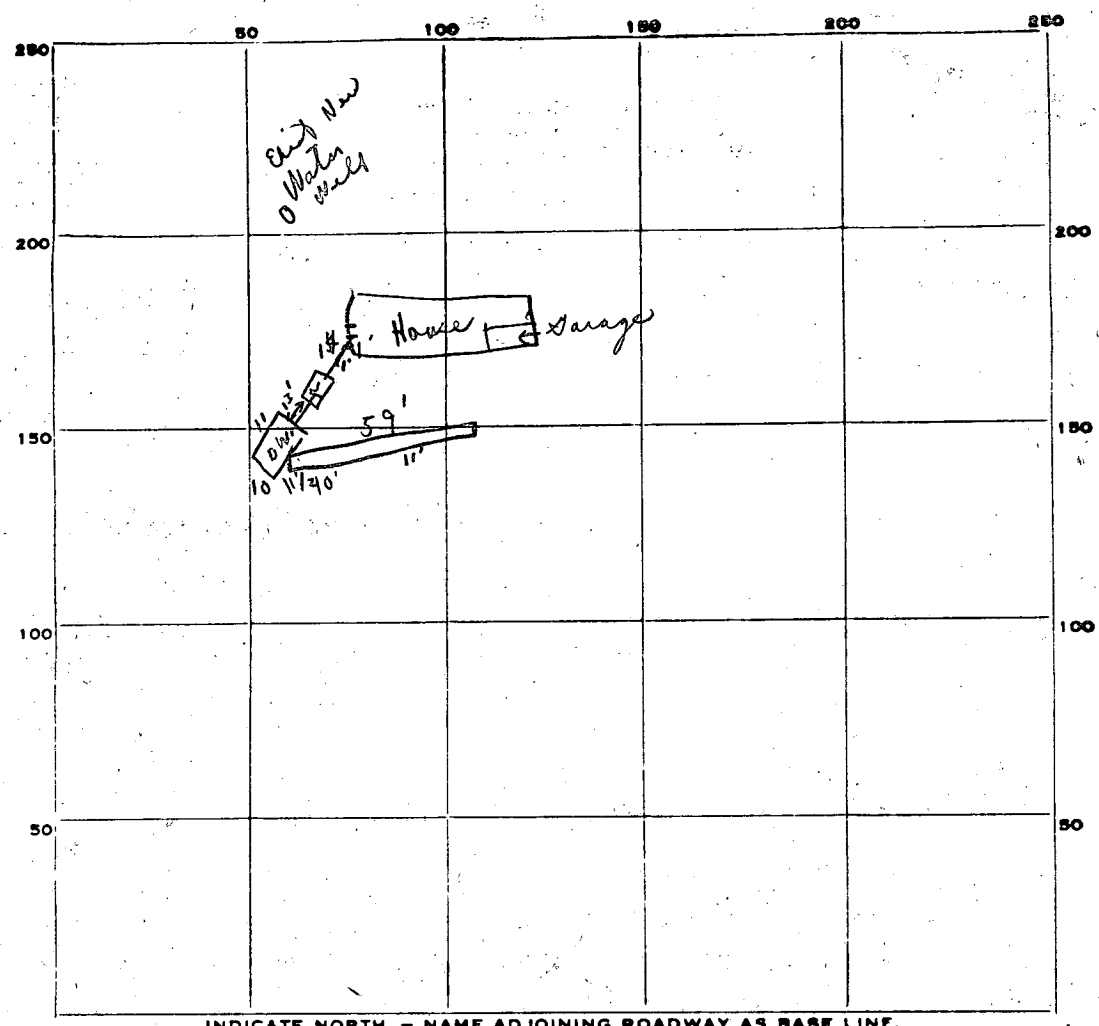
Serial No. 34758

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.

A 26606

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

HD - 23



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE.

T. Underwood Rd

PERMIT CARD Yes front window Rd

SEPTIC TANK, LEVEL ok CLEANOUTS S.T. ok D.W. ok

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 10' avg + / 0 FT. TRENCH WIDTH — FT.

GRAVEL DEPTH 6½ ~~IN.~~ avg TOTAL LENGTH 59 FT. ⊛ ① 354 + 30 = 384

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA —

SEEPAGE PITS, ~~INSIDE DIAMETER~~ outside permeter 43½ FT. DEPTH BELOW INLET 7 FT. ② 301 + 3½ = 304½

ABSORBENT AREA 688 ± SQ. FT.

REMARKS 5/23/78 ① P.C.O. ok for gravel in trench only Front window of house (⊛ Note Trench 1' deeper than specs - soil good) C.B.S. 6/1/78 F.C.O Paper on trenches at time of check

DATE SYSTEM APPROVED 6/1/78 as per above INSPECTOR C. B. Streeter

PRELIMINARY

Oneill

APPLICATION

A 26606

P

SEWAGE DISPOSAL TESTING

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 4th

DATE 8/16/77

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 J & B Partnership

ADDRESS 5632 Stevens Forest Rd., Apt. 254, Columbia 21045 PHONE Any questions call Ron Carter - 837-0194

PROPERTY LOCATION: New Lot 17

SUBDIVISION Westcliffe Manor LOT NO. ~~XX~~

ROAD AND DESCRIPTION off Underwood Road

SIZE OF LOT 40,500 sq. ft. TYPE BLDG. 3 or (4) bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

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

BLDG. PERMIT SIGNED AND RETURNED 2/27/78

SIGNATURE OF APPLICANT /s/ Ron Carter

Serial No. 34758

APPROVED BY Paul J. O'Neill FOR Dry Well + Trench (KIND OF SYSTEM) DATE 2/10/78

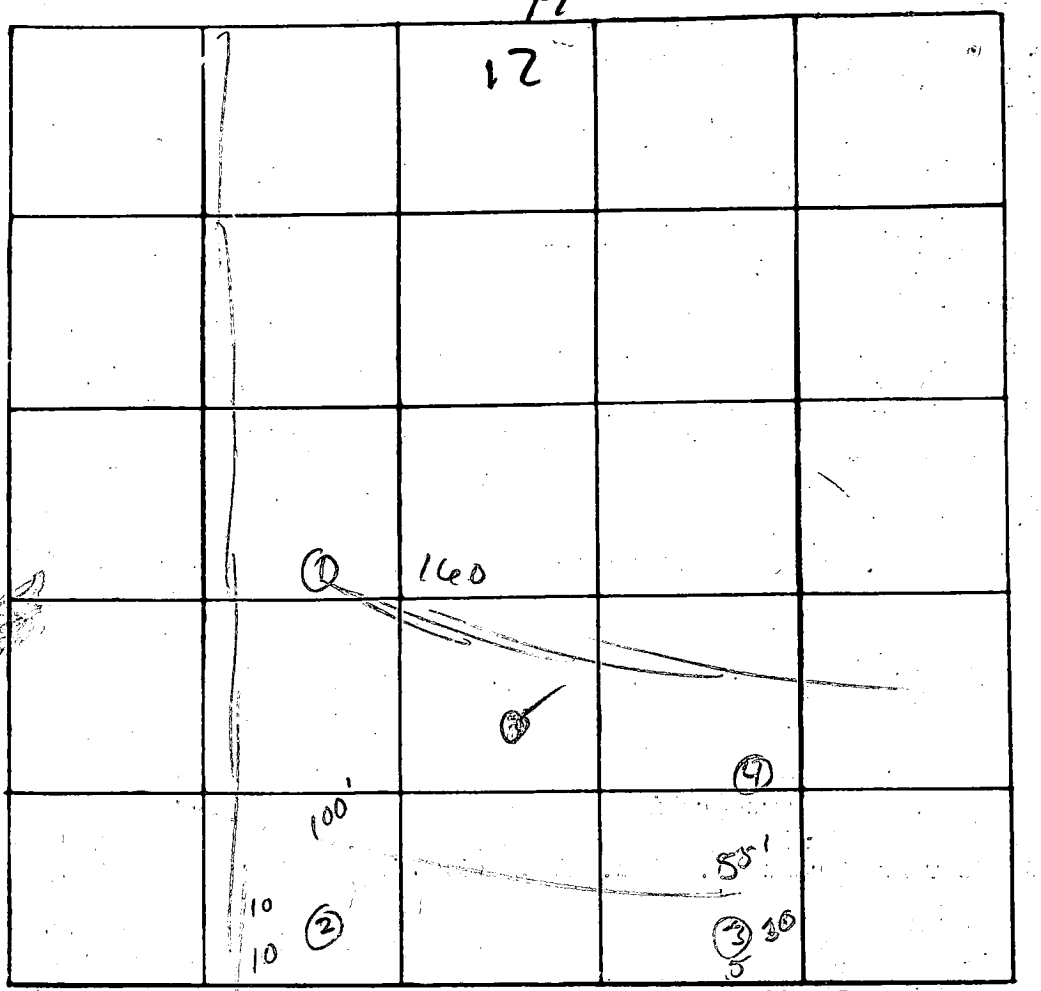
REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

41



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE

New #19

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8/31/72	1 S	3'	10 42	10 45	10 45	10 51	6
	a	12'	10 42	10 45	10 45	10 45	3
	2 S	4	10 45	10 49	10 49	10 04	19
	a	12	10 45	10 51	10 51	10 57	6
	3 S	3	10 50	11 00	11 00	11 22	22
	a	11	10 51	10 55	10 55	11 05	10
	4 U.S	0 4 3-12	04				
	5 U.S	4-13'	04				

REMARKS 12

TYPE OF SOIL

TESTED BY DJOH ALSO PRESENT:

Ab5509
owner

O'Neill 2/2/72
prepared by

LOT NUMBER 17

Absorbant Area/bedroom 135

SEPTIC TANK 1000 gal 1250 gal 1500 gal
3 bdrms 4 bdrms 5 bdrms

✓ DRY WELL 3' inlet 9' Max. depth 285 Abs. Area

Located 100' from Barberry Way 50' from left lot line

✓ TRENCH 3' Inlet 9' Max. depth

# bedrooms	Length	Abs. Area
~~3~~ (4)	30	
	65	

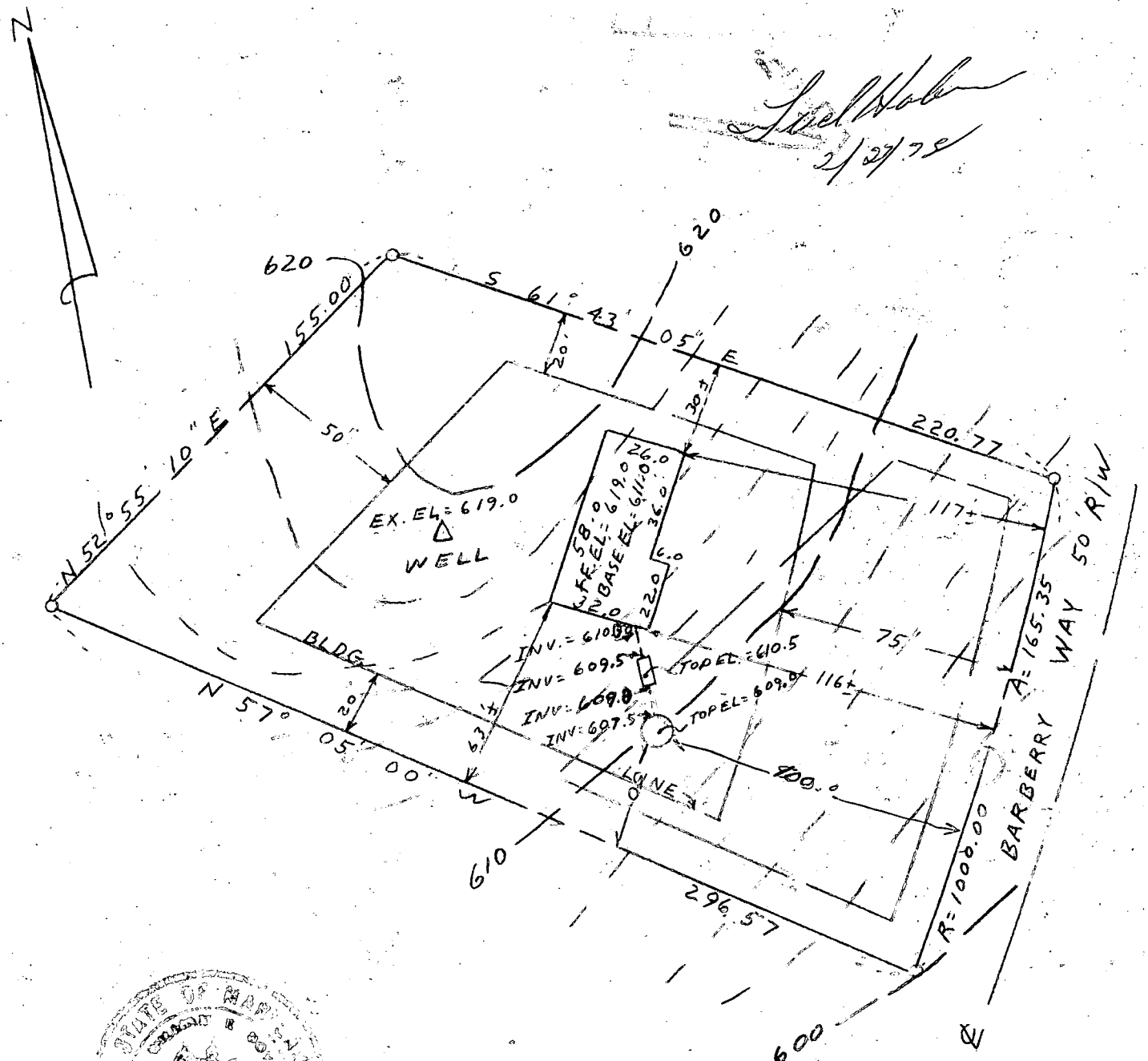
(3) To Run on contour towards left property line.
(4) " " " " " Right " " "

If dry well and trench are used leave a 5' earth buffer between them.
If septic tank is 3+ or more below grade, use manhole type cleanout to grade.
If more than one trench is used space them parallel , twice their depth apart.
Call office for inspection of trench before placing stone in trench.
All pipe from house to disposal area cast iron.
Install standpipe (6" min.) on septic tank and dry well. Cast iron, concrete, terra cotta ok. Trench distribution lines may be clay, asbestos cement, orangburg type, open joint cast iron or heavy duty plastic. (Commercial standard Cs228-61).

William E. Doyle
LAND SURVEYOR 8440
5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210

HO. 75-2523

Stuart Walker
2/27/78



STATE OF MARYLAND
WILLIAM E. DOYLE
No. 8440
REGISTERED LAND SURVEYOR

William E. Doyle

HOUSE STAKEOUT
LOT 17, SECTION 1
WESTCLIFFE MANOR
4TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

SCALE: 1" = 50' DRAWN: FEB 27, 1978

DNR-131 (7-77) EMERGENCY NO. (If any) –

B 1 8220 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-73 2523
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 2/10/78 2:30 P.M. ~~2/10/78 2:00 P.M.~~ ~~2:30 P.M.~~

OWNER 1 Hobson & Sons Inc
COL 15 LAST NAME FIRST NAME COL. 34
OWNER 2
STREET OR RFD 3606 Oxwell CT
COL 36 COL. 55
POST OFFICE (W)estminster Md.
COL 57 COL. 76
8-13

B 1 CONTINUED
1 2 3 (SEQ. NO.) 6

DRILLER INFORMATION
DATE Jan 3-78 LICENSE NUMBER 201 (77–80)
John A Greene
FIRST NAME DRILLER LAST NAME
SIGNATURE John A. Greene

B 2
1 2 3 (SEQ. NO.) 6

WELL INFORMATION
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.
22
(M) MUNICIPAL WATER SUPPLY
(P) PRIVATE WATER COMPANY
} MUST HAVE STATE HEALTH DEPT. APPROVAL
(T) TEST

APPROXIMATE DEPTH OF WELL 160 FEET (24–28)
APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

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 DEEPENED 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
39
(S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
(D) THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)
(41–52)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
APPROPRIATION PERMIT NUMBER C A P (54–63) ENGINEER REVIEW DISTRICT NO. (65)
FORCE (C)(W) WRITE INITIALS IN BOX (67 68)
CONDITIONS A E N S G W Q C (V) U (70 71 72 73 74 75 76 77 78 79)

B 4 CONTINUED
1 2 3 (SEQ. NO.) 6

HEALTH DEPARTMENT APPROVAL
41 (S) STATE HEALTH (CIRCLE BOX)
Howard COUNTY NAME H27A00 COUNTY NO.
DATE MO. 02 DAY 05 YR. 78 (43–48)
APPROVED BY Donald Monaghan, Sanitarian

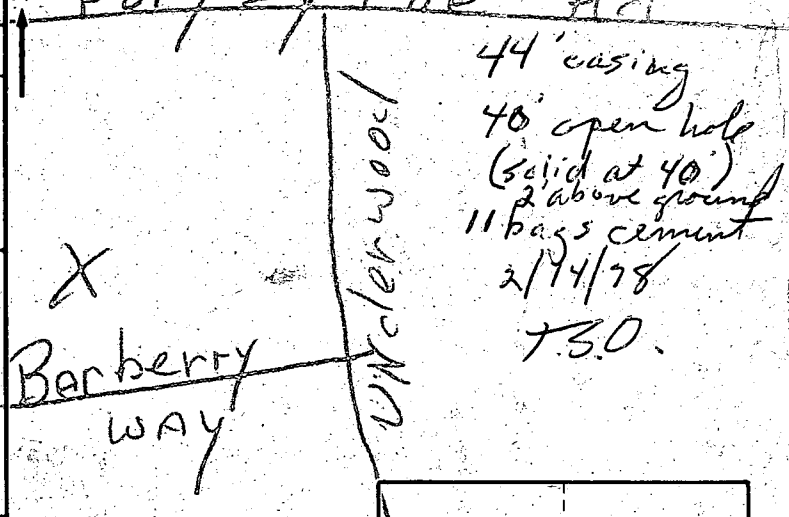
B 3
1 2 3 (SEQ. NO.) 6

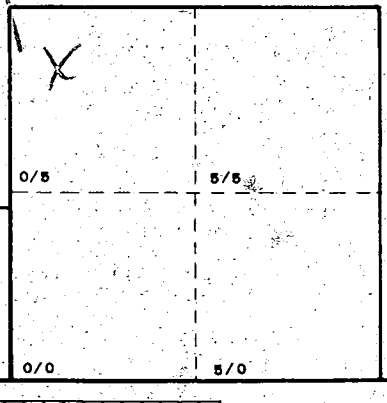
LOCATION OF WELL
COUNTY Howard (8–21) (DO NOT ABBREVIATE COUNTY NAME)
SUBDIVISION West Alf (23–42)
SECTION 1 (44–46) LOT 17 (48–50)
NEAREST TOWN Silver Hills (52–71)
MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 (73–76) (M) (I) (77 78)

B 4
1 2 3 (SEQ. NO.) 6

DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
(N) NORTH (E) EAST (NE) NORTHEAST (SE) SOUTHEAST
(S) SOUTH (W) WEST (NW) NORTHWEST (SW) SOUTHWEST
8 8 8 9 8 9
NEAR WHAT ROAD Barberry Way (11–30)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH (N) SOUTH (S) EAST (E) WEST (W) (32)
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 225 (34–37) (F) (T) (M) (I) (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.





BOX NUMBER E 800 N 540

NORTH COORDINATE (50–55)
EAST COORDINATE (57–63)
ELEVATION AT WELL HEAD (FEET) (65–68)

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

HEALTH

DNR-214 (7-77)

C 1 5739 — 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 WI[illegible] IN 30 DAYS AFTER WELL COMPLET[illegible]
FILL IN THIS FORM COMPLETELY
COUNTY NUMBER (A) 27409

DATE RECEIVED (WRA USE ONLY)
DATE WELL COMPLETED 7-10-75 (15-20)
DEPTH OF WELL 105 (22 (TO NEAREST FOOT) 26)
PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-75-2523 (28 29 30 31 32 33 34 35 36 37)
DRILLERS IDENTIFICATION NO. 270 (8-13)

OWNER Hobson J Sons
LAST NAME FIRST NAME
STREET OR RFD 3606 Oxford Rd POST OFFICE Westminster Md.

WELL DESCRIPTION

WELL LOG
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Overburden	0	28	
Fine Grey	28	75	✓
Med. Grey	75	105	✓

GROUTING RECORD
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES (Y) NO (N) (44 44)
TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT (C M) (45 46) BENTONITE CLAY (B C) (45 46)
NO. OF BAGS 13 NO. OF POUNDS 1222
GALLONS OF WATER 75
DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 (48 52) FT. TO 30 (54 58) FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD
CASING TYPES — INSERT APPROPRIATE CODE BELOW
STEEL (S T) CONCRETE (C O) PLASTIC (P L) OTHER (O T)

MAIN CASING TYPE	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)
ST (60 61)	6 (63 64)	42 (66 70)

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)	DEPTH (FEET) FROM	TO
1			
2			

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

C 2 (1 2 3 (SEQ. NO.) 6)

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN		FROM	TO
1	HC (8 9)	42 (11 15)	105 (17 21)
2	(23 24)	(26 30)	(32 36)
3	(38 39)	(41 45)	(47 51)

SLOT SIZE 1. ____ 2. ____ 3. .010
DIAMETER OF SCREEN (56 60) (NEAREST INCH)
GRAVEL PACK FROM ____ TO ____
IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX (68 F)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (70) TELESCOPE CASING
(E.R.O.S.) (72) LOG INDICATOR
W Q (74 75 76) OTHER DATA AVAILABLE

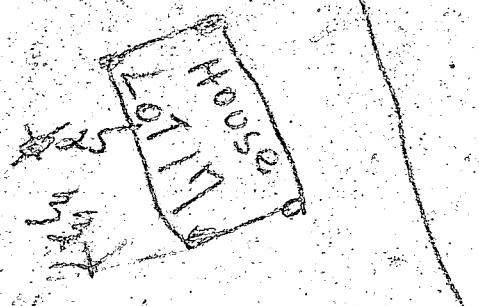
C 3 (1 2 3 (SEQ. NO.) 6)

PUMPING TEST
HOURS PUMPED (TO NEAREST HOUR) 6 (8 9)
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 9 (11 15)
METHOD USED TO MEASURE PUMPING RATE Bastrop
WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING 45 (17 20) (NEAREST FOOT)
WHEN PUMPING 65 (22 25) (NEAREST FOOT)
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)

PUMP INSTALLED
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) S (29)
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)
CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) 5 (31 35)
PUMP HORSE POWER ½ (37 41)
PUMP COLUMN LENGTH (NEAREST FOOT) 75 (43 47)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
+ ABOVE / − BELOW (49) LAND SURFACE
1 (50 51) (NEAREST FOOT)

LOCATION OF WELL ON LOT
N ↑
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 (PLEASE PRINT) Bernard Feezer
SIGNATURE Bernard Feezer

Randle Evans

HEALTH