

12/2/82
A.M. please

04-348884

approved 12/22/82
5 stamps

PERMIT

P 32370
A 29820

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th

INDEX

DATE 12/16/82

William H. Smith, Jr.

X

IS PERMITTED TO INSTALL _____ ALTER _____

ADDRESS P. O. Box 38, Darlington, Md. 21034 PHONE 879-7641

SUBDIVISION Woodcamp Farms ROAD 17535 Woodcamp Rd. LOT 12, Sec. 1

PROPERTY OWNER James W. Howard

ADDRESS 23 Terrace Rd. Linthicum, Md. 21090 Phone: 765-2531

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRY WELL - 166 sq. ft. sidewall area per bedroom. Dry well inlet max. to be 3½ ft.

below original grade, effective area starts at 4½ ft. and dry well bottom to be max. 10 ft.

below original grade. Place the dry well 110 ft. from the front lot line and 62 ft.

from the left lot line as seen when facing the lot from Wood Camp Rd. Add a ditch off

dry well after a 5 ft. earth buffer. Ditch to be 10 ft. deep with inlet at 5½ ft. below

original grade and 4½ ft. of stone. Run ditch along level ground toward Wood Camp Rd.

Two inspections of the ditch are needed.

PLANS APPROVED BY Raymond Hodges DATE 11/24/80

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 APROVAL ON THIS PERMIT**

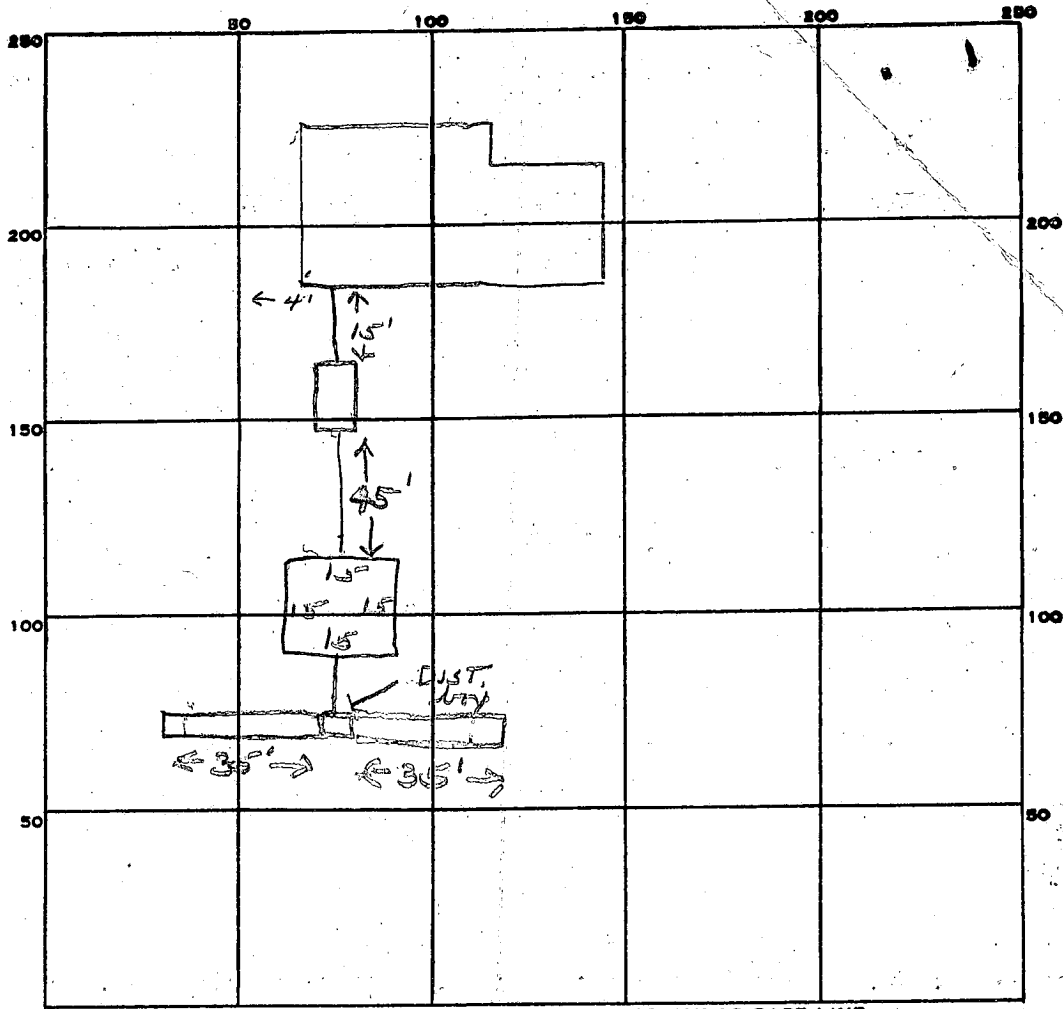
*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29820

166
4

664



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

✓ Woodcamp Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1250 gal CLEANOUTS ST/DW

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5' IN. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 350

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 5 1/2 FT.

ABSORBENT AREA 680 SQ. FT.

REMARKS 12/22/82 OK to add stone in trenches of
12/22/82 OK to cover all work of

5.5
60

330.0

DATE SYSTEM APPROVED 12/22/82 INSPECTOR Stayer

5/14/79

APPLICATION

A 29820
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, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th.
DATE 5/8/79

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

BLDG. PERMIT SIGNED
AND RETURNED 10/30/82
Dist # 57429

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Wayne C. Hough James W. Howard

ADDRESS 17740 Hardy Road 23 Terrace Rd Boender Associates
Mt. Airy, Md. 21771 Linthicum, Md 465-7777
21090 765-2531

PROPERTY LOCATION:
SUBDIVISION Woodcamp Farms LOT NO. 12 + 0
16, Section 1

ROAD AND DESCRIPTION Hardy Road 17535 Woodcamp Road

SIZE OF LOT 3 Acres m/1 TYPE BLDG. 4 Bedrooms per b.p. 51429

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 Hodges FOR Ditch & DW DATE 11/24/80

REJECTED BY _____ FOR _____ DATE _____

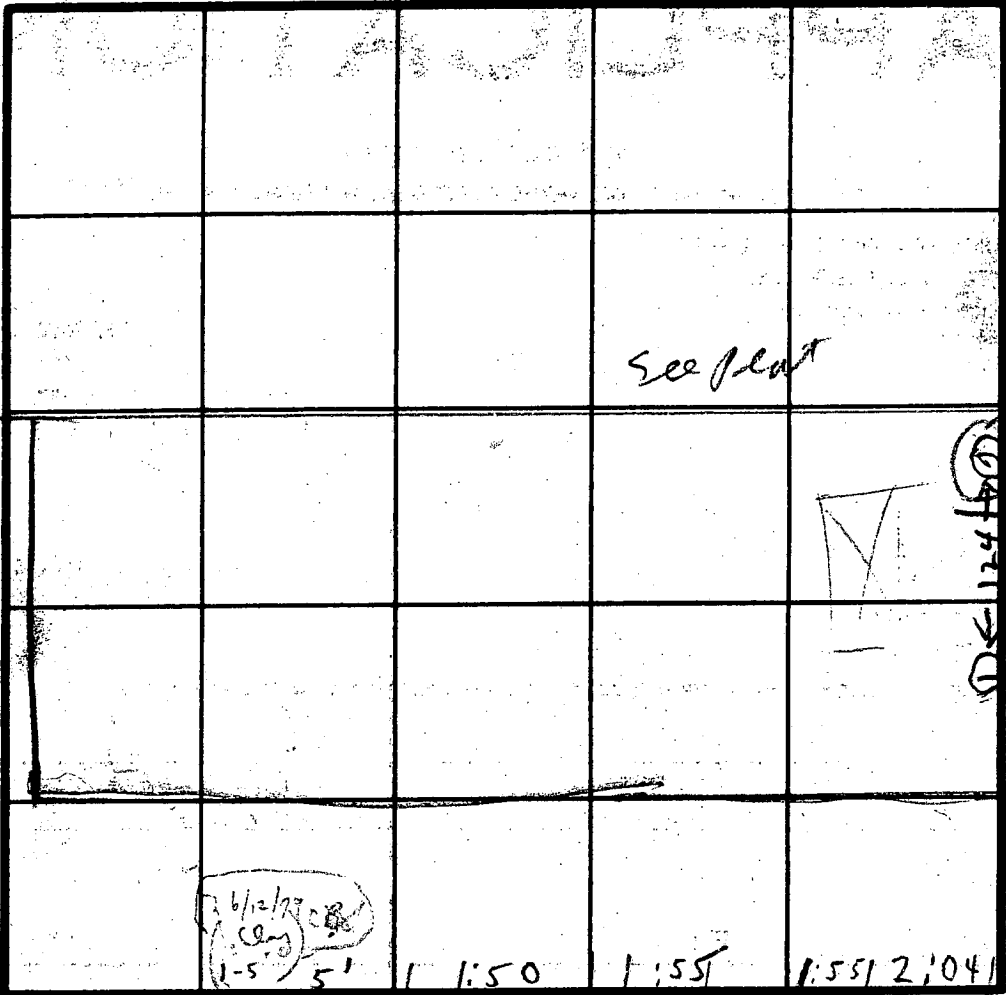
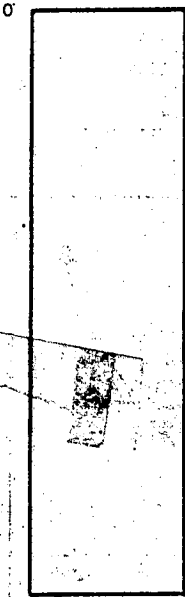
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/16/79 Dig more (slow) RH 5/17/79 Dig
5/22/79 - Held for Review DM said Pen Time O.K. RH
11/24/80 Final Plat signed RH

THIS IS NOT A PERMIT

7612

SOIL PROFILE



Below day
soil under down
C.B.S.D. 6/12/79

6/12/79
C.B.S.D.
1-5' 5'

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|--------|---------|--------------------------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 5/16/79 | TD | 13 | 3:09 | 3:28 | 3:28 | 3:55 | 17 |
| 5/16/79 | 1S | 5 | 3:10 | 3:19 | 3:18 | 3:28 | 10 |
| | 2S | 5 | 3:32 | 3:42 | 3:42 | 3:58 | 16 |
| | 2D | 13 1/2 | 3:34 | 4:11 | little per | FNL | |
| | 3S | 4 1/2 | 3:42 | 3:58 | 3:58 | 4:07 | 9 |
| | 3D | 13 | 3:42 | 3:58 | 3:58 | 4:20 | 22 |
| 5/16/79 | 4V | 12 | TOP BOT | 3 FT 7 CLAY 9 FT SAND | 40 AM | | |
| 5/17/79 | 5S | 5 | 3:27 | 3:56 | little per | slow | |
| 5/17/79 | 5D | 13 | 3:17 | 3:25 | 3:25 | 3:37 | 12 |
| 5/18/79 | 5M | 7 | 1:28 | 1:31 | 1:31 | 1:34 | 3 |
| | 5V | 15 | TOP BOT | 3 FT 7 CLAY 9 FT SAND | 1177 | | |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HIGHEST
NEXT HIGHEST
LOWEST
NEXT HIGHEST

REMARKS

TYPE OF SOIL

TESTED BY

6 5 down early loan
12/2 2:29 2:32 2:32 2:40 8m
3 5 surface water 3 down
Rain approx 2:30 hours for 2.50
DENNY
GART

Average Time 11 March 4

ALSO PRESENT

Mud +
Machines
dot stop
Ward
til
3:00
Rain

A 298

WOODCAMP E

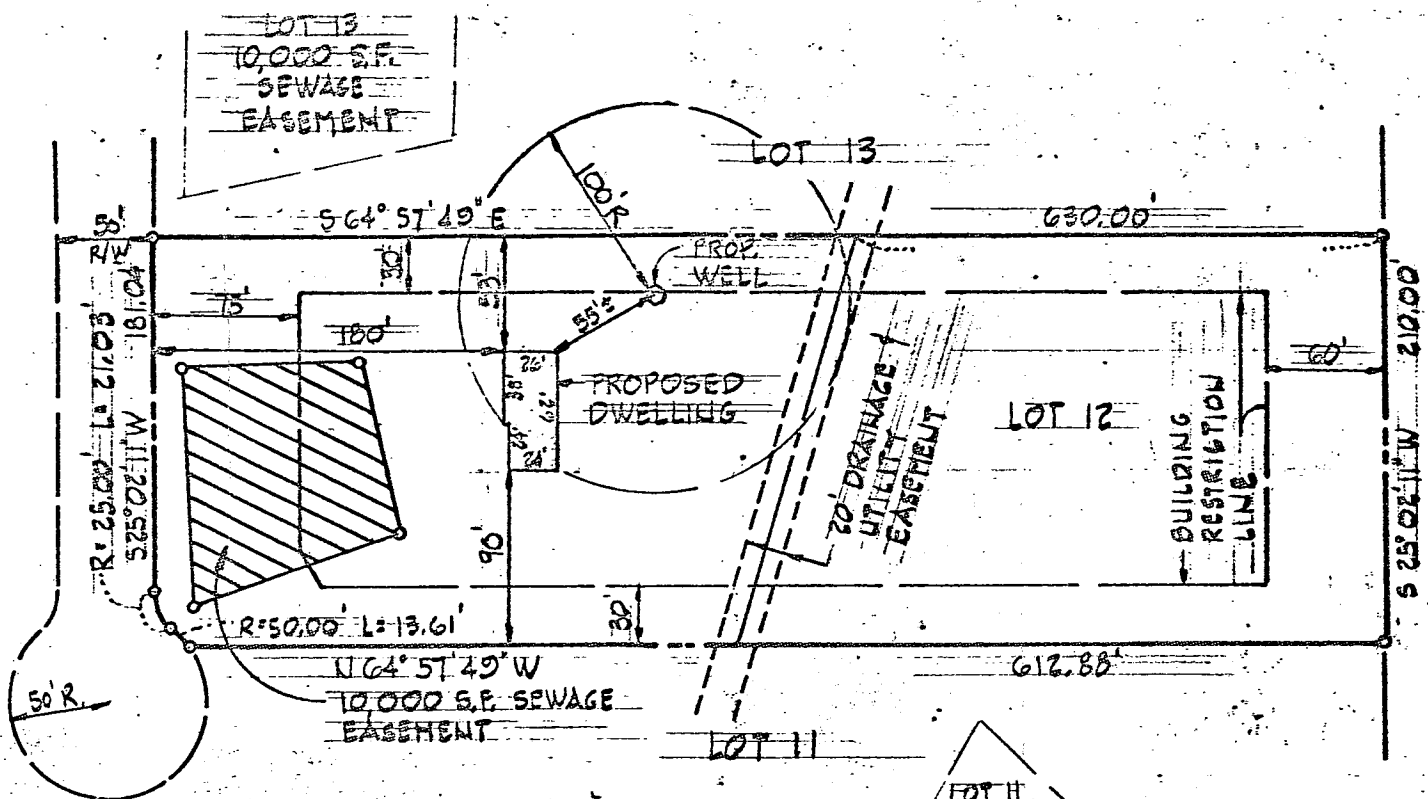
LOT 12

3 BEDROOMS - 1000 GALLON TANK
4 BEDROOMS - 1250 GALLON TANK

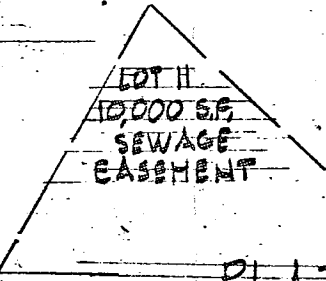
DRY WELL - 166 square foot sidewall area per bedroom. Dry well
inlet maximum to be $3\frac{1}{2}$ feet below original grade ^{eff area starts at $4\frac{1}{2}$ ft} and dry
well bottom to be ~~max~~ -10 feet below original grade. Place the dry well 110
feet from the FRONT lot line and 62 feet from the LEFT lot
line as seen when facing the lot from WOOD CAMP road.

ADD A DITCH OFF DW AFTER A 5 FT EARTH
BUFFER DITCH TO BE 10 FT DEEP WITH INLET
AT $5\frac{1}{2}$ FT BELOW ORIGINAL GRADE AND
 $4\frac{1}{2}$ FT OF STONE RUN DITCH ALONG
LEVEL GROUND TOWARD WOODCAMP RD.
TWO INSPECTIONS OF THE DITCH ARE NEEDED

WOODCAMP ROAD



4/29/82
Sketch of J. S.



PLAT TO ACCOMPANY
APPLICATION FOR WELL PERMIT

FOR

WOODCAMP ROAD

4th ELECTION DISTRICT HOWARD CO., MD.

SCALE: 1"=100' MARCH 27, 1982

PLAT REFERENCE: "WOODCAMP FARM" LOT 12
SHEET 2 OF 3 PLAT 4704

McKEE & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
1717 YORK ROAD - LUTHERVILLE, MD, 21093

| | | | |
|---|-----------------------------|---|---|
| B 1 7272 | SEQUENCE NO. (OEP USE ONLY) | STATE OF MARYLAND PERMIT TO DRILL WELL <i>please print or type.</i> | OEP PERMIT NUMBER HO-73-4163 <i>fill in this form completely</i> |
| <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small> | | | |

Date Received 5/6/82 10:00 A.M. 04/15/82
(OEP Use Only)

OWNER INFORMATION

HOWARD JAMES W JR
Last Name 15 Owner 34 Name

123 ITENHACE DRIVE
36 Street or RFD 55

LINTHICUM MD 211091D
Town 57 State 76 Zip

B 3 LOCATION OF WELL

HOWARD
COUNTY 6

WOODCAMP FARMS
SUBDIVISION 8 21

12
SECTION 23 44 LOT 48 50

POPLAR SPRINGS
NEAREST TOWN 46 52

3
MILES FROM TOWN (enter 0 if in town) 73 76 77 78

B 7 Continued DRILLER INFORMATION

George Easterday
Driller's Name 77 License No. 80

L.F. EASTERDAY INC.
Firm Name

9265 Brown Church Rd.
Address

MT. AIRY, MD. 4-13-82
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

Nardy Ad.
NEAR WHAT ROAD 11 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

200
DISTANCE FROM ROAD 34 37

WEST EAST SOUTH NORTH

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 82' - casing
- 2' - above gr.
- 65' - open
- 20' - top cement

WRITE THE BOX NUMBER FROM THE MAP HERE

760 2
540 9

5/6/82 JS

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)

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

APPROXIMATE DEPTH OF WELL **160** 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)

THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME **A20826** COUNTY NO.

OEP SIGNATURE _____ STATE HEALTH CIRCLE BOX

DATE ISSUED **042982** CO SIGNATURE _____

NORTH GRID **349** EAST GRID **0762** EXPIRES **102982**

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

APPROX. PERMIT NUMBER _____

FORCE **F-3** WRITE INITIALS IN BOX PERMIT No. **HO-73-4163**

B 5 SPECIAL CONDITIONS 8-63

C1 3158 (SEQUENCE NO.) (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A 29820

Date Received (OEP use only)

DATE WELL COMPLETED 5/6/82

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-4163

OWNER HOWARD JAMES W. Jr. last name first name

STREET OR RFD Woodcamp Road TOWN Poplar Springs

SUBDIVISION Woodcamp Farms SECTION LOT 12

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: TOP Soil (0-2), Brown shale (2-75), Brown slate (75-80), Blue slate (80-85), Brown slate (85-115), Blue slate (115-140), Brown slate (140-150), Blue slate (150-160).

WELL HAS BEEN GROUTED (YES) (NO) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 20 NO. OF POUNDS 2000 GALLONS OF WATER 100 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 105 ft.

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

MAIN CASING TYPE (ST) Nominal diameter top/main casing (nearest inch) 6 Total depth of main casing (nearest foot) 82

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

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

DEPTH (nearest ft.) HO 80 160

- CIRCLE APPROPRIATE BOX [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" 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 (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX (F)

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

C 3 (seq no) 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 33 WHEN PUMPING 65 TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

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

