

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 32083
A REPAIR

HOWARD COUNTY

HARDY RANDALL

05-364213

INDEX

ELLICOTT CITY

DISTRICT 5th

DATE 8/11/82

Jack Fyock, Jr.

IS PERMITTED TO INSTALL ALTER X

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland PHONE 988-9270

SUBDIVISION Randall Property ROAD 13370 Brighton Dam Road LOT 2

PROPERTY OWNER Robert Hoch PHONE: 286-2126

ADDRESS 13370 Brighton Dam Road
Clarksville, Maryland 21029

SPECIFICATIONS

SEPTIC TANK CAPACITY _____ GALLONS

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

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND

REPAIR.

8-16-82 - INSTALL 1000g SEPTIC TANK.

USE SHALLOW TRENCH - ^{60 FT LONG} 6 FT WIDE; 16 FT DEEP; 2 FT GRAVEL; INLET AT 4'.

60' x 6' = 360 SQ FT ABS. AREA. CW

PLANS APPROVED BY Palmer F. Wine DATE August 12, 1982

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.

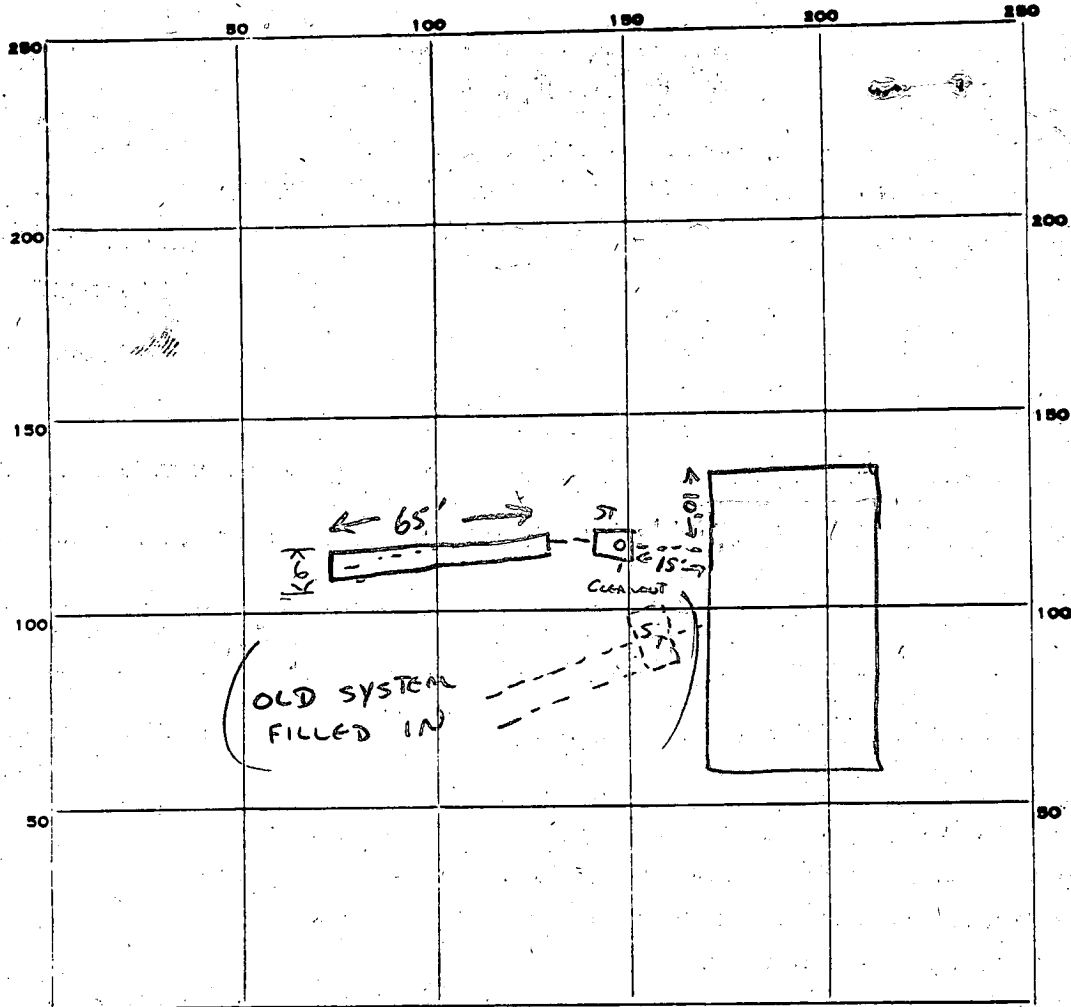
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

* P 32083



INDICATE NORTH: - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 6 FT.

GRAVEL DEPTH 2 FT IN. TOTAL LENGTH 65 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 390 SQ FT

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

ABSORBENT AREA 390 SQ. FT.

REMARKS 8-16-82 SEPTIC TANK OK. CONTINUE WITH DITCH + ADD 2 FT STONE. CW

8-17-82 GRAVEL + TRENCH OK. COVER ALL WORK. CW

DATE SYSTEM APPROVED 8-17-82

INSPECTOR C. Williams

3/20/81
9:30 A.M.

PERMIT

P 31236

A Repair

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 3/19/81

Jack Fyock IS PERMITTED TO INSTALL ALTER X

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

SUBDIVISION _____ ROAD 13370 Brighton Dam Road - coming from Ten Oaks Road - last house on right before Highland Road

PROPERTY OWNER Hardy Randall

ADDRESS Brighton Dam Road

SPECIFICATIONS

SEPTIC TANK CAPACITY _____ GALLONS

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

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

REPAIR - Call for an appointment when ground is opened up and Sanitarian will recommend the repair system.

No evidence of sewage overflow, not repaired @ this time
Other house repaired @ plastic septic tanks & pump system *JK*

PLANS APPROVED BY Palmer F. Wine DATE 3/19/81

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.

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NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

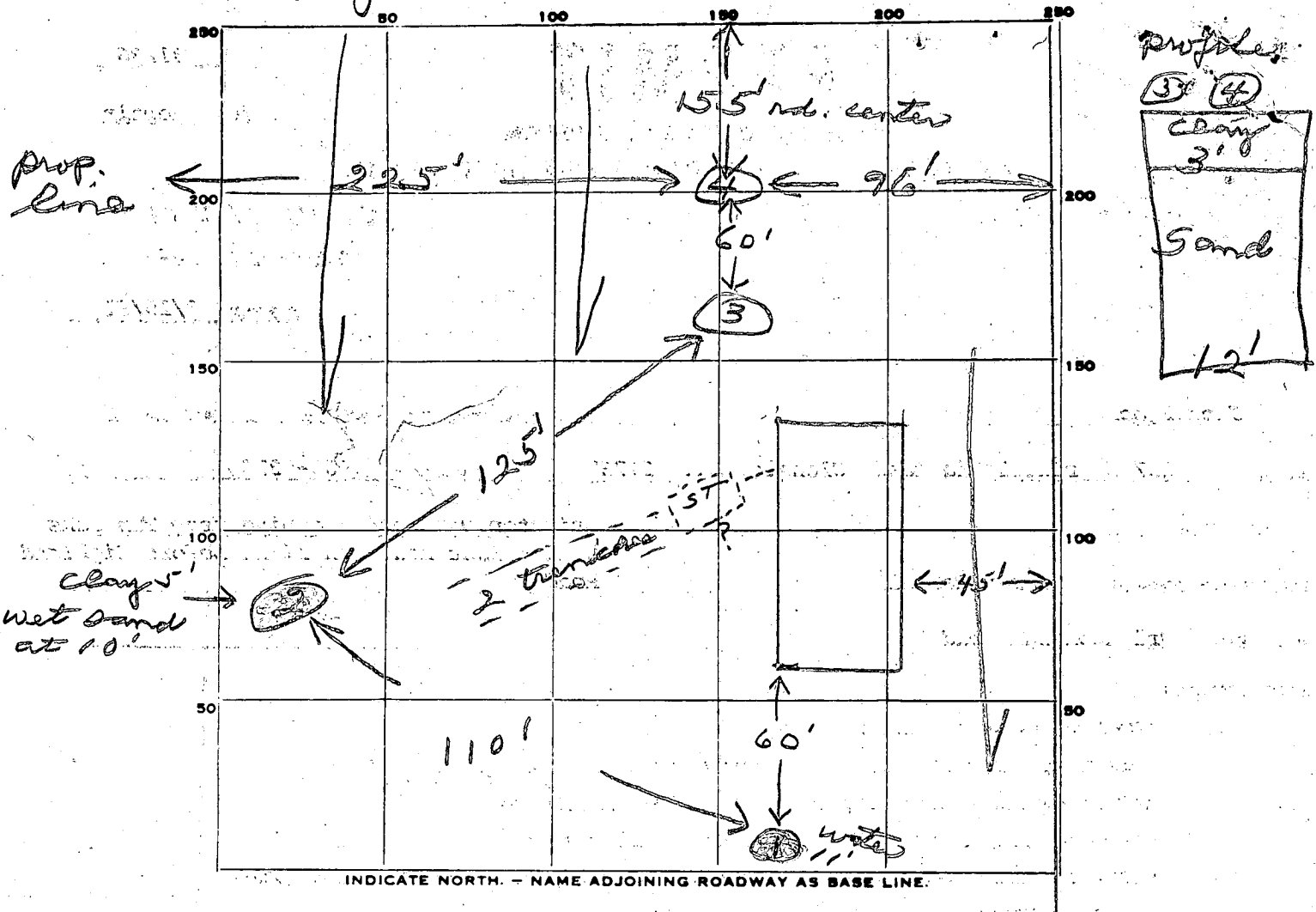
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PERMIT VOID AFTER THREE YEARS.

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.**

Brighton Dam Rd



PERMIT CARD _____

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 _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/20/81 all repair area is higher elevation (4-5 ft) than present system. If
No indication of sewage overflow if

mark - 313-2648
2/17/00

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

~~401-0033~~

410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt #
Date 11/2/99

Name of Installer Lester Simmons Jr.

Telephone 301-831-7057

License Number SWD611
Certified Well Pump Installer

Well Driller Registered Plumber

Name of Property Owner Robert Hoah

Telephone
Well Tag # HO-94-2365

Subdivision
Site Address 13370 Brighton Dam Rd

Lot #

Pump

- 1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible
- 2. Make Crowde
- 3. Model # 76505402
- 4. Capacity 7 GPM
- 5. Pump exceeds well capacity Yes No
- 6. If Yes, is low pressure cutoff switch installed? Yes No
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor

- 1. Horsepower
- 2. RPM 3450
- 3. Voltage
 - a. 110
 - b. 220

Pitless Adapter

- 1. Make Martinson
- 2. Model # B-10X
- 3. Depth 3 1/2

Tank

- 1. Capacity 30
 - 2. Pressure relief valve? yes
- 11/2/99 WPI OK
3' B.G. 2-PC CAP & CONDUIT OK
2 1/2 B.G.

Piping

- 1. Type PE
- 2. Size 1"
- 3. NSF and/or BOCA Code approved yes
- 4. Depth of supply line 3 1/2

Well data

- 1. Depth 160 ft.
- 2. Yield 30 GPM
- 3. Static water level ft.
- 4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Lester Simmons Jr. (SKE)
Date: 2-17-00

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

11 AM
8/13/99

SITE INSPECTION SHEET

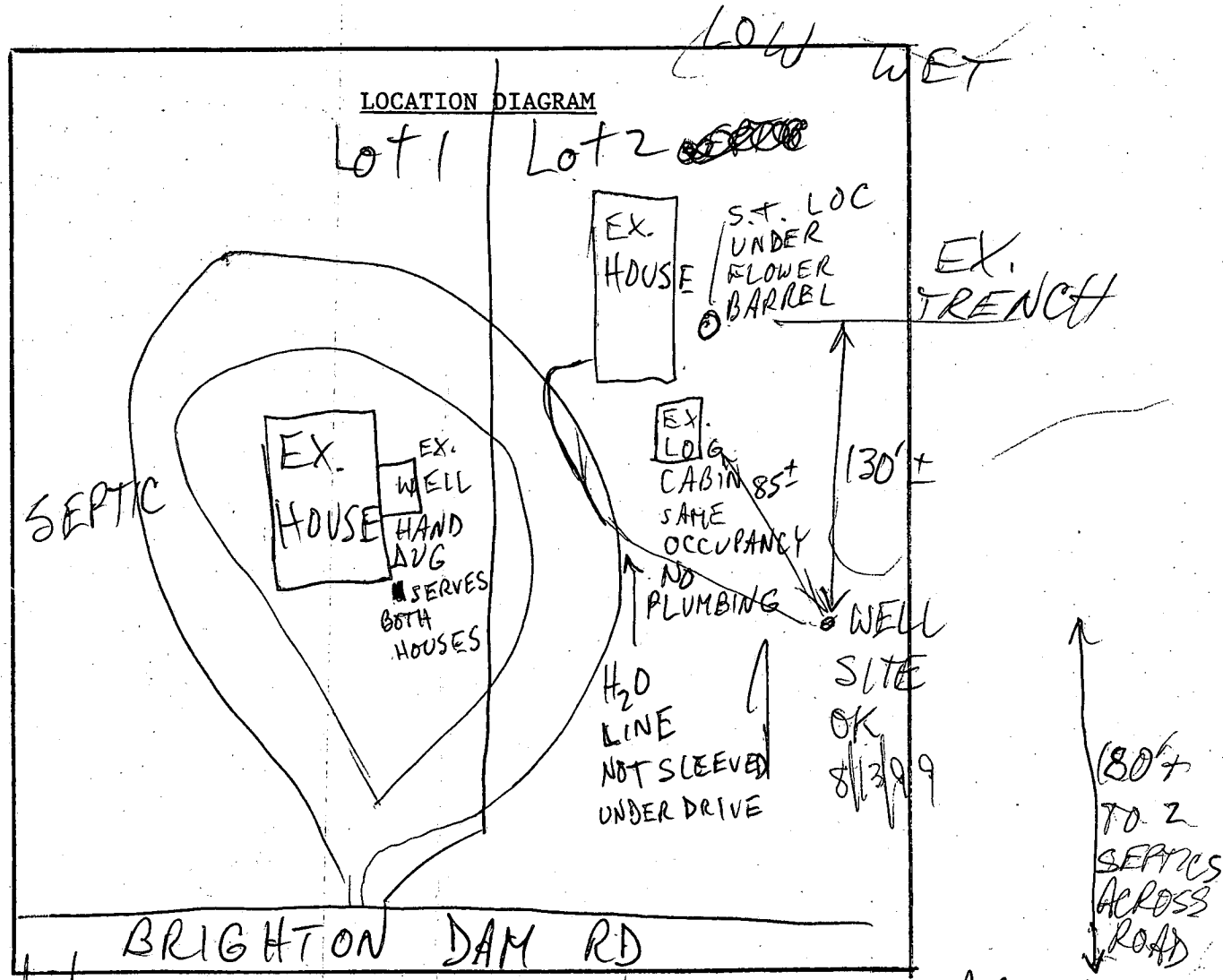
OWNER: Robt. Hoch 1-201-854-2126(h) 1-202-994-1577(w) DATE REQUESTED: _____

PHONE #: _____ CONTRACTOR: Easterday

ADDRESS: 13370 Brighton Dam Rd WELL TAG #: _____

COUNTY #: _____

PROPOSAL: replacement well requested, to provide one house per well



COMMENTS: 8/13/99 BOTH HOUSES KNOWN AS 13370 BR. DAM RD? SUGGESTED, BUT DID NOT REQUIRE ADJUSTMENT TO LEFT TO MAXIMIZE SEPTIC REPAIR OPTIONS (MR)

DATE: _____ INSPECTOR: _____

C1 01843

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A 32083

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED 11/5/99

Depth of Well 22 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2365

OWNER 13370 HOUGH ROBERT STREET OR RFD BRIGHTON DAM RD. TOWN HIGHLAND SUBDIVISION Randall Prop. SECTION LOT 2

WELL LOG

Not required for driven wells

GROUTING RECORD

yes no

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

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

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

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 3

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 50 ft.

WHEN PUMPING 260 ft.

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 INSTALLED PUMP YES NO (CIRCLE) (YES OR NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE - below (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

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. Includes handwritten entry: Deepend Well mica 160 260

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED yes no Y N

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 LIC. NO. 1 MW D 040 George F. Eusterman DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MW D 501 Charles R. Keller

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

C1 1906

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

1 2 3 6

FILL IN THIS FORM COMPLETELY. PLEASE TYPE

COUNTY NUMBER P320X3

ST/CO USE ONLY DATE Received 10 27 99

DATE WELL COMPLETED 9/7/99

Depth of Well 160

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2365

OWNER: Hoch Robert STREET OR RFD 13370 Brighton Dam Rd TOWN Clarksville SUBDIVISION RANDALL PROP SECTION LOT 2

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, Shaley Clay, Sand Stone, Mica, Sand Stone, Mica, Sand Stone, Mica, brown Mica, Mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 28 NO. OF POUNDS 2800 GALLONS OF WATER 168 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 43 ft.

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch)! 66 Total depth of main casing (nearest foot) 50

OTHER CASING (if used)

screen type or open hole [ST] [BR] [HO] [PL] [OT]

SCREEN RECORD

DEPTH (nearest ft.) 160

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES [Y] NO [N]

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 LIC. NO. 1 MWD 040 [Signature] DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MWD 504 [Signature] 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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W.Q. 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

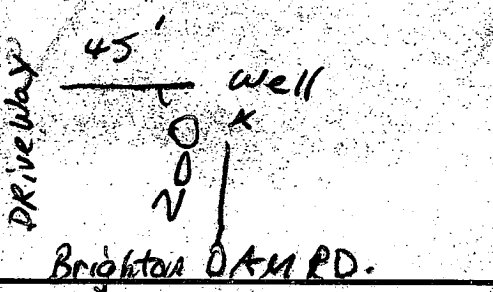
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 20 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 160 TYPE OF PUMP USED (for test) [S] submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES [NO] IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) [+] above [] below LAND SURFACE (nearest foot) 2

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 14720

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2365 fill in this form completely

Date Received (APA) 08-13-99

OWNER INFORMATION RN 7986

LOCATION OF WELL HOWARD COUNTY Montrose Farm Rendall Property SECTION 44 46 LOT 2 Highland 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 2 M. I. 73 76 77 78

15 Hoch Robert Owner First Name 34 13370 Brighton Dam Rd Clarksville, Md 21029 36 Street or RFD 55 57 07 09 70 State 72 Zip 76

DRILLER INFORMATION George F. Easterday M W D 040 Driller's Name 76 License No. 81 L. Franklin Easterday, Inc. Firm Name 9265 Brown Church Rd.. MT. Airv. Md. 21771 Address George F. Easterday 8/13/1999 Signature Date

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

13370 Brighton Dam Rd 11 NEAR WHAT ROAD: 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 200 37 DISTANCE FROM ROAD Ft. ENTER FT OR MI 38 39 TAX MAP: 34 BLK: 9 PARCEL 271

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard AP32083 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 081799 Mark E. Riffin 8/17/00 CO SIGNATURE EXP. DATE NORTH GRID 498 000 EAST GRID 0806 000

APPROXIMATE DEPTH OF WELL 300 FEET 24 28

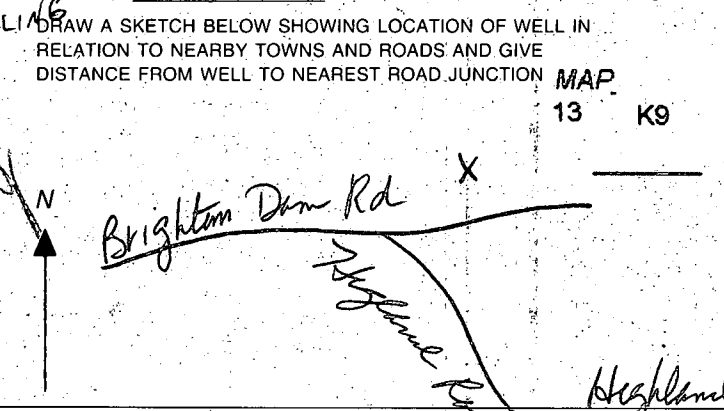
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion Jetted & DRIVEN 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 G A P 63 PERMIT No. HO-94-2365 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. wells 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE. E 800' 6 N 490' 8



SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

DWNWARD
STMENT
ERK
SIBLE

HOUSE
LOCATION

LOT 7
3.75 AC. ±
A37070

LOT 8
3.0 AC. ±
A37071

LOT 9
3.0 AC. ±
A37072

LOT 10
3.0 AC. ±
A37073

LOT 11
3.0 AC. ±
A37074

LOT 2
ZONED R
HOCH PROPERTY
1000 / 415
0.82 AC.
13370 Br. Dam
Rd

*Highland
Meadows*

DAM
(80' R/W)

INGRESS & EGRESS RESTRICTED

