

C1 0577 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER A19265 old 11/10/02 KLS

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 15 4 2002

Depth of Well 260' 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-3300 28 29 30 31 32 33 34 35 36 37

OWNER Hynes (last name) Pamela & Drew (first name) STREET OR RFD Mark Hollow Rd TOWN Highland SUBDIVISION Hallonells Addition SECTION LOT A

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. Includes handwritten entries: Sand 0 70, Gray Mica Rock 70 260.

GROUTING RECORD yes no WELL HAS BEEN GROUTED (Circle Appropriate Box) 2 bags short Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 16 NO. OF POUNDS 1504 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 65 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 63 64 66 Total depth of main casing (nearest foot) 74

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes no Y N

CIRCLE APPROPRIATE LETTER 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 M S D 0 2 4

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M D

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

C2 DEPTH (nearest ft.)

Table with columns: E A C H S C R E E N, 1 2 3, 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51

DIAMETER OF SCREEN (NEAREST INCH) 56 60 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

TELESCOPE CASING LOG INDICATOR OTHER DATA 70 72 74 75 76

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 8 9

PUMPING RATE (gal. per min.) 12 11 15

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 34 17 20 ft.

WHEN PUMPING 130 22 25 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

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. 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 49

LAND SURFACE - below 2 (nearest foot) 49 50 51

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

See attached location

B 1 7254

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3300
fill in this form completely

W516495
Please print or type

Date Received (APA)

12 17 01

OWNER INFORMATION

Hynes Pamela & Drew
Last Name Owner First Name
3847 Rodman Street NW
Street or RFD
Washington DC 20016
Town State Zip

B 3 LOCATION OF WELL

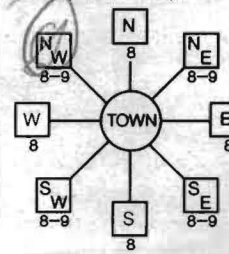
Howards
COUNTY
Hollands Property
SUBDIVISION
SECTION 44 LOT 46
Highland
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 1/2 MI

DRILLER INFORMATION

Joseph E. Mayne MS D Z Y
Driller's Name License No.
Joseph E. Mayne Well Drilling
Firm Name
5512 Ridge Rd. Int. Dring. Md. 21771
Address
Joseph E. Mayne 12/15/2001
Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Mink Hollow Rd
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

55
DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 40 BLK: --- PARCEL 343

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME
A19265 COUNTY NO.
STATE SIGNATURE _____ INSERT S →
DATE ISSUED 12 29 01 Karen Proelking 12-28-02
CO SIGNATURE EXP. DATE
NORTH GRID 489 000 EAST GRID 0804 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
- CABLE REVerse-ROTary DRive-POINT

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 DEEPEMED 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-94-3300

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
1/4/02 9:30
260' well
using 74' 65' Annular
16 bags
WRITE THE BOX NUMBER FROM THE MAP HERE
E 8004
N 489

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: R.L. STULL ENTERPRISES, LLC Telephone #: 301-829-0898
Address: RICHARD L. STULL
415 WINDY KNOLL DR.
MT. AIRY, MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Richard L. Stull License# 16851

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Drew Hynes Telephone #: 202-364-2853
Subdivision: Holland Property Lot #: _____ Well Tag #: HO - _____
Site Address: 2013 Mink Hollow Rd
Highland MD 20775

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Sta-Rite</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>Y</u>
Model #: <u>ESP9602HL-03</u>	Model #: <u>B-410</u>	Screened, vented well cap: <u>Y</u>
Pump Capacity: <u>5 GPM</u> GPM	Depth: <u>yes</u> (36" min)	Cap secured to casing: <u>Y</u>
Well Yield: <u>12</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>Y</u>
Depth of well encountered at time of pump installation: <u>100</u> (feet)		Conduit secured to well cap: <u>Y</u>

If pump capacity exceeds well yield, a low water out off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: Silvex 1"
PST: 160 (160 psi min)
Depth of supply line: X (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve: 5 FT
Sleeve caulked and sealed properly: Yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

[Signature]
Signature of company representative responsible for installation

6-5-02
date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 6/5/02 Date Insp. Approved: 6/5/02 **(KN)**

Inspection Data: Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

50

MLB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MLC3		B

NOTES:

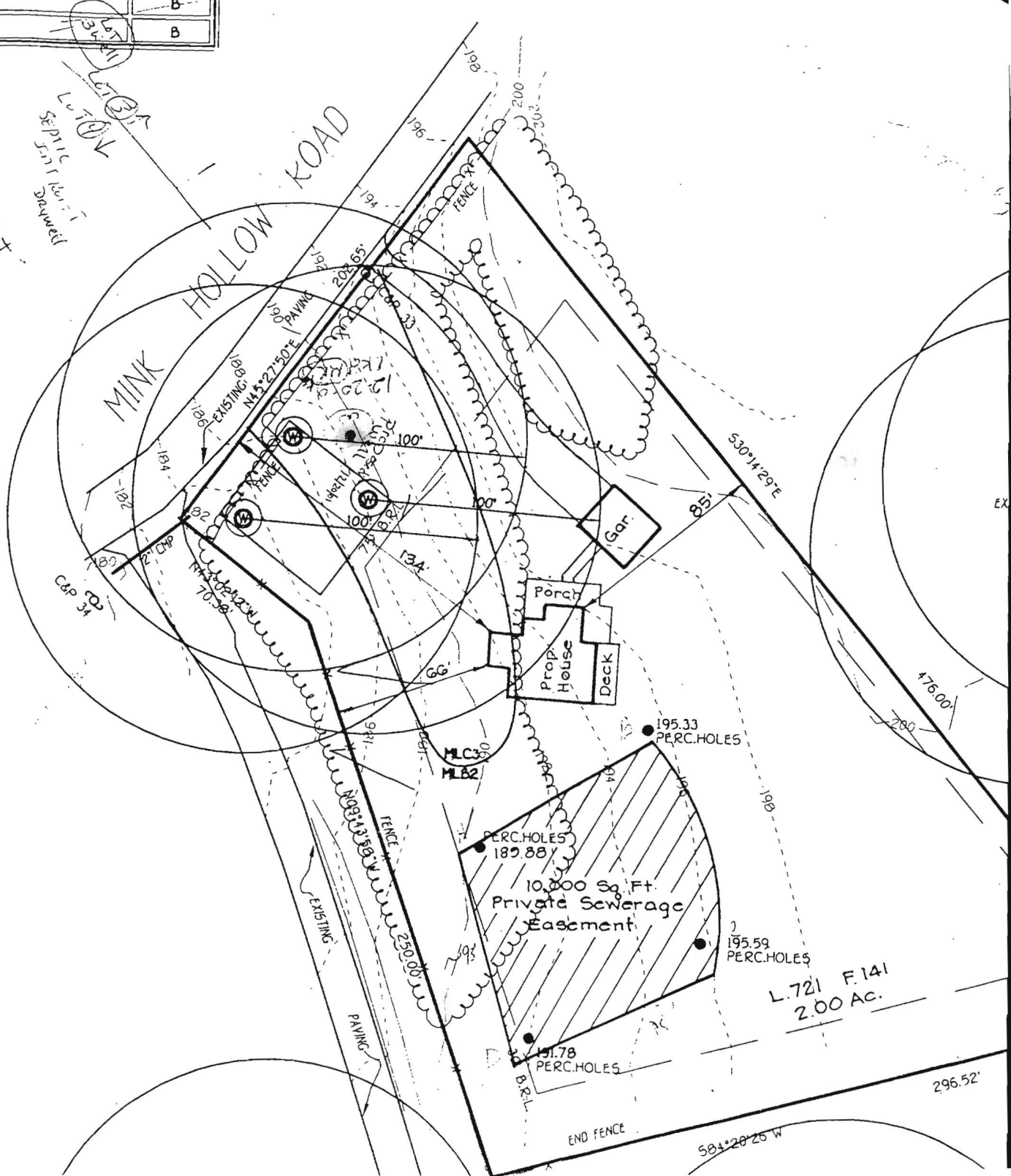
- Hydric soils and/or contains hydric inclusions
- May contain hydric inclusions
- Generally only within 100-year floodplain areas

No Septic
Systems exist
within 100ft
12/27/01 (MK/KG)

12-27-01
@945
CINLET
TO DISCUSS
CORRECTION.
Gary web

LEGEND

- - - - - EXISTING 2' CONTOURS
- — — — EXISTING 10' CONTOURS
- ~ ~ ~ ~ EXISTING TREE LINE
- MLC3
MLB2 — SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊙ DENOTES PROPOSED PERC
- ▭ DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES



L.721 F.141
2.00 AC.