

C1 07826

SEQUENCE NO.
(MDE USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE TYPETHIS REPORT MUST BE SUBMITTED AFTER
WELL IS COMPLETED.COUNTY
NUMBER

A 512694Z

ST/CO USE ONLY

DATE Received
MM DD YY

DATE WELL COMPLETED

MM 8 28 00

Depth of Well

22 250 26

(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

HO-94-2739

OWNER Brantwood LLC

STREET OR RFD

SUBDIVISION

21

SECTION

TOWN

LOT 24

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

check
if water
bearingBROWN SHALE
BLUE SLATE0 53
53 250 ✓

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
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

60 61

63 64

66 67

70

OTHER CASING (if used)

diameter

depth (feet)

inch

from to

screen type
or open hole
(insert
appropriate
code
below)

SCREEN RECORD

ST

STEEL

BR

BRASS

BRONZE

PL

PLASTIC

HO

OPEN

HOLE

OT

OTHER

C2

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

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN(NEAREST
INCH)

56 60

from to

GRAVEL PACK

IF WELL DRILLED

WAS FLOWING WELL

INSERT F IN BOX 68

68

MDE USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

W Q

70

72

TELESCOPE

CASING

LOG

INDICATOR

74 75 76

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.)

METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air

27

P piston

27

T turbine

27

C centrifugal

27

R rotary

27

O other

27

(describe below)

J jet

27

S submersible

27

PUMP INSTALLED

DRILLER INSTALLED PUMP
(CIRCLE) (YES or NO)

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)

PUMP HORSE POWER

PUMP COLUMN LENGTH
(nearest ft.)CASING HEIGHT (circle appropriate box
and enter casing height)

+ above

49

LAND SURFACE

- below

49

(nearest
foot)

LOCATION OF WELL ON LOT

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

NUMBER OF UNSUCCESSFUL WELLS:

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 M D

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1

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

C107826

SEQUENCE NO.
(MDE USE ONLY)

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

COUNTY
NUMBERA512694Z

ST/CO USE ONLY
DATE Received
MMDDYY
813

DATE WELL COMPLETED
MMDDYY
82800

Depth of Well
2225026
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-94-2739
28293031323334353637

OWNER
last nameBrantwood LLCfirst nameSeneca Chief TrailTOWNEllicott City, MD
STREET OR RFD
SUBDIVISIONBrantwood21SECTIONIILOT29

WELL LOG
Not required for driven wells
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING
DESCRIPTION (Use additional sheets if needed)FEETFROMTOcheck if water bearing
BROWN SHALE053
BLUE SLATE53250✓
WATER AT 90-226

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box)yesnoY44N44
TYPE OF GROUTING MATERIAL (Circle one)
CEMENTCMBENTONITE CLAYBC
NO. OF BAGS454615NO. OF POUNDS4546140
GALLONS OF WATER90
DEPTH OF GROUT SEAL (to nearest foot)
from0ft. to59ft.
(enter 0 if from surface)
CASING RECORD
casing types insert appropriate code below
STEELSTCONCRETECO
PLASTICPLOTHEROT
MAIN CASING TYPE
Nominal diameter top (main) casing (nearest inch)6Total depth of main casing (nearest foot)69
OTHER CASING (if used) diameter depth (feet) inch from to
EACH CASING
SCREEN RECORD
screen type or open hole insert appropriate code below
STEELSTBRASSBRONZEPLASTICPL
OPEN HOLEHOLEOTHEROT
DEPTH (nearest ft.)
EACH CASING
SLOT SIZE 123
DIAMETER OF SCREEN (NEAREST INCH)
from56to60
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

C3
PUMPING TEST
HOURS PUMPED (nearest hour)3
PUMPING RATE (gal. per min.)6
METHOD USED TO MEASURE PUMPING RATETIME
WATER LEVEL (distance from land surface)
BEFORE PUMPING60ft.
WHEN PUMPING140ft.
TYPE OF PUMP USED (for test)
AairPpistonTturbine
CcentrifugalRrotaryOother (describe below)
JjetSsubmersible
PUMP INSTALLED
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)YESNO
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)3135
PUMP HORSE POWER3741
PUMP COLUMN LENGTH (nearest ft.)4347
CASING HEIGHT (circle appropriate box and enter casing height)
LAND SURFACE (nearest foot)
LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
SENACA CH. TRAILBUTTER-FRUIT WAY

C2
NUMBER OF UNSUCCESSFUL WELLS:0
WELL HYDROFRACTUREDyesnoYN
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 139 Robert Elme
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO.1 MW D 536 Robert Elme Jr.
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T(E.R.O.S.)WQ
7072747576
TELESCOPE CASINGLOG INDICATOROTHER DATA

3.1 18480

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2739
fill in this form completely

W513652 please print or type

Date Received (APA)
06 26 00

OWNER INFORMATION

Brantwood, L.L.C.
8835-P Columbia 100 Parkway
Columbia Md. 21045

DRILLER INFORMATION

Robert L. Cline
Cline and Duvall, Inc.
8093 Hillmark Ct. Frederick 21704
Robert L. Cline 6-23-00

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 300

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

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jettied & DRIVEN
AIR-ROTary ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 G A P 63

PERMIT No. HO-94-2739

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

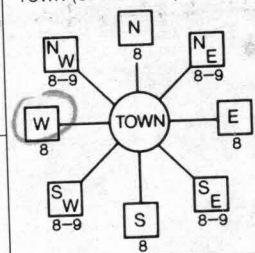
B 3

LOCATION OF WELL

Howard
Brantwood
SECTION 2 LOT 24 area 1
Pine Orchard
MILES FROM TOWN (enter 0 if in town) 2

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Seneca Chief Trail
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



190
DISTANCE FROM ROAD
ENTER FT OR MI

TAX MAP: BLK: PARCEL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard CO 175126947
COUNTY NO.

STATE SIGNATURE
DATE ISSUED 7/12/00
CO SIGNATURE
NORTH GRID 520 000
EAST GRID 820 000

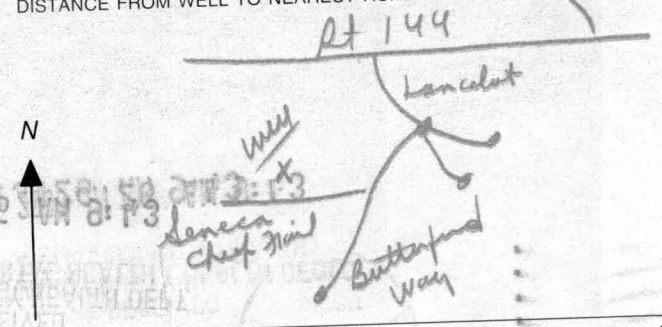
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- 1. well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820
N 520

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



**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2643**

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: VanSant Pbs + Hg Telephone #: 301-829-0444
Address: 3 N Main St.
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): Harold VanSant License# 1467

*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: NU Homes Telephone #: 301-858-0522
Subdivision: Brantwood Lot #: 1000 Well Tag #: HO-94-2039
Site Address: 3024 Seneca Chief Trail
Ellicott City, MD 21042

Submersible Pump Data

Make: Grundfos
Model #: 65505422
Pump Capacity: _____ GPM
Well Yield: 6 GPM

Pitless Adapter

Make: Campbell
Model #: 3100
Depth: 42 (36" min)
NSF approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: ✓
Screened, vented well cap: ✓
Cap secured to casing: ✓
Conduit min 18" E.G.: ✓
Conduit secured to well cap: ✓

Depth of well encountered at time of pump installation: _____ (feet)

If pump capacity exceeds well yield, a low water cut 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 NO

Piping to house

Type: 300 PSI
PSI: _____ (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: 5 ft
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 of company representative responsible for installation: Harold VanSant

4.19.01
date

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

Date Insp. Requested: 2/28/01

Date Insp. Approved: 2/28/01

Inspection Data: Pitless adapter and water supply line at least 36" below grade

Two piece cap installed and attached to casing securely	<u>✓</u>
Elec. conduit extends at least 18" below grade/attached to cap properly	<u>✓</u>
Safety rope installed inside of well casing	<u>✓</u>
Correct well tag attached properly and casing 8" above finished grade	<u>✓</u>
Water supply line sleeved adequately at house connection	<u>✓</u>
Adequate grout observed below pitless adapter	<u>✓</u>

(BB) SRK

Well Permit No. HO - 94 2739
Location of property (road) Seneca Creek Trail
Subdivision Brantwood 211 Lot 24 Block Plat Sec. II
Well Driller Clare A. Duvall Owner Brantwood LLC

Depth of well 250
Distance of measuring point (M.P.) above ground 1
Static water level (S.W.L.) below M.P. 60

Time pump started 10:00 Pumping rate 10
Total time 30 MIN to reach pumping water level 140 ft. below M.P.

[illegible]

9-28-04

7/12/00
Well site
staked by
LDE
(56)

QUINTA
and
L. 227
Zone

