

C1 07654

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 A513199 D

ST/CO USE ONLY

DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED

MM DD YY 1 2 2001

DEPTH OF WELL

22 225 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-2604

OWNER Brantwood LLC STREET OR RFD Argent Path TOWN ELICOTT CITY SUBDIVISION Brantwood 2/2 SECTION LOT 4

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) FEET FROM TO check if water bearing

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), and check if water bearing. Rows include Sand (0-84) and Gray Mica Rock (84-225).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (ST, CO, PL, OT) Nominal diameter top (main) casing, Total depth of main casing

OTHER CASING (if used)

Table for other casing with columns for diameter and depth

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) insert appropriate code below

DEPTH (nearest ft.)

Table showing depth intervals for casing sections 1, 2, and 3.

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

C3

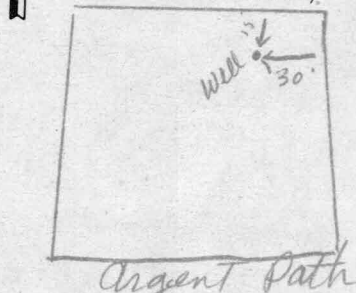
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 10 ft. WHEN PUMPING 59 ft. 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 INSTALLED PUMP (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, - below LAND SURFACE (nearest foot) 2

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



DRILLERS LIC. NO. 1 M S D 024

DRILLERS SIGNATURE Joseph L. Mayne

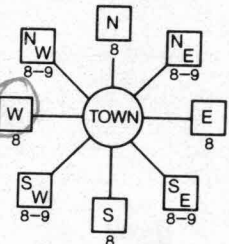
LIC. NO. 1 D

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

Date Received (APA) **021800**
8 MM DD YY 13
Brantwood, L.L.C.
15 Last Name Owner First Name 34
8835 - P Columbia 100 Parkway
36 Street or RFD 55
Columbia, MD 21045
57 Town 70 State 72 Zip 76

B 3 **Howard** LOCATION OF WELL
8 COUNTY 21
Brantwood
23 SUBDIVISION 42
 SECTION **2** LOT **4** Area2
44 46 48 50
Pine Orchard
52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** M I
73 76 77 78

DRILLER INFORMATION
Robert L. Cline M W D 139
Driller's Name 76 License No. 81
Cline & Duvall, Inc.
Firm Name
8093 Hillmark Ct., Frederick, MD 21704
Address
Robert L. Cline **2/16/00**
Signature Date

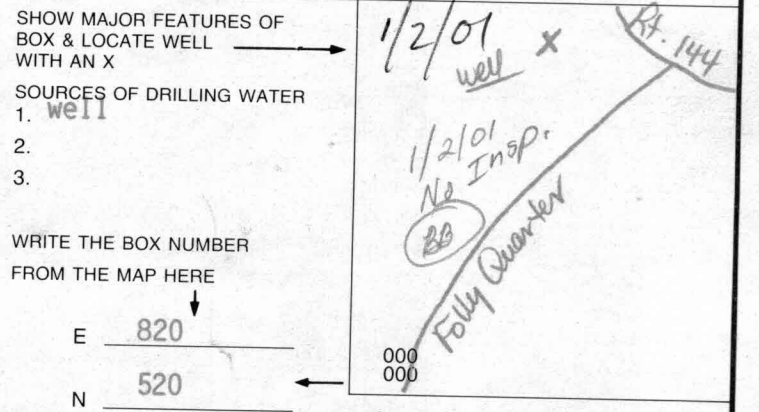
B 4
 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 11 NEAR WHAT ROAD 30 **Argent Path**
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH SOUTH
WEST EAST
 34 **425** 37 DISTANCE FROM ROAD ft.
ENTER FT OR MI 38 39
 TAX MAP: **23** BLK: _____ PARCEL _____

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE **5**
(GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED **300**
(GAL. PER DAY) 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard CO A513199D
COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S →
 DATE ISSUED **022800** *A McMillan* **02/28/01**
43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID **520 0 0 0** EAST GRID **820 0 0 0**
50 55 57 63

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 **250** FEET
24 28
 APPROXIMATE DIAMETER OF WELL **6** INCH
NEAREST

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**
000 000


METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
37 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 **HO 98 GAP G003**
54 63
 PERMIT No. **HO-94-2604**
70 71 72 73 74 75 76 77 78 79

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: Robert L. Freezer Co. Telephone #: 410-781-4655
Address: 6321 BARNETT AVE
SPRINGFIELD, MD 21154

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): ROBERT L. FREEZER License# 2122
*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 #: 410-521-9703
Subdivision: Branthwood Section 2 Lot #: 4 Well Tag #: HO 94-2604
Site Address: 3127 ANGUT PATH
MARVIA AVE, 21109

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: RED FORT Make: CAMPBELL Two piece watertight cap:
Model #: 75 Fall-8516 Model#: PT800 Screened, vented well cap:
Pump Capacity 8 GPM Depth: 40' (36" min) Cap secured to casing:
Well Yield: 15 GPM NSF approved: Conduit min 18" E.G.:
Depth of well encountered at time of pump installation: 40.5 (feet) Conduit secured to well cap:
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

Piping to house House Connection
Type: Poly PVC sleeved to undisturbed soil at wall penetration:
PSI: 160 (160 psi min) Approximate length of sleeve: 5'
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly:

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.

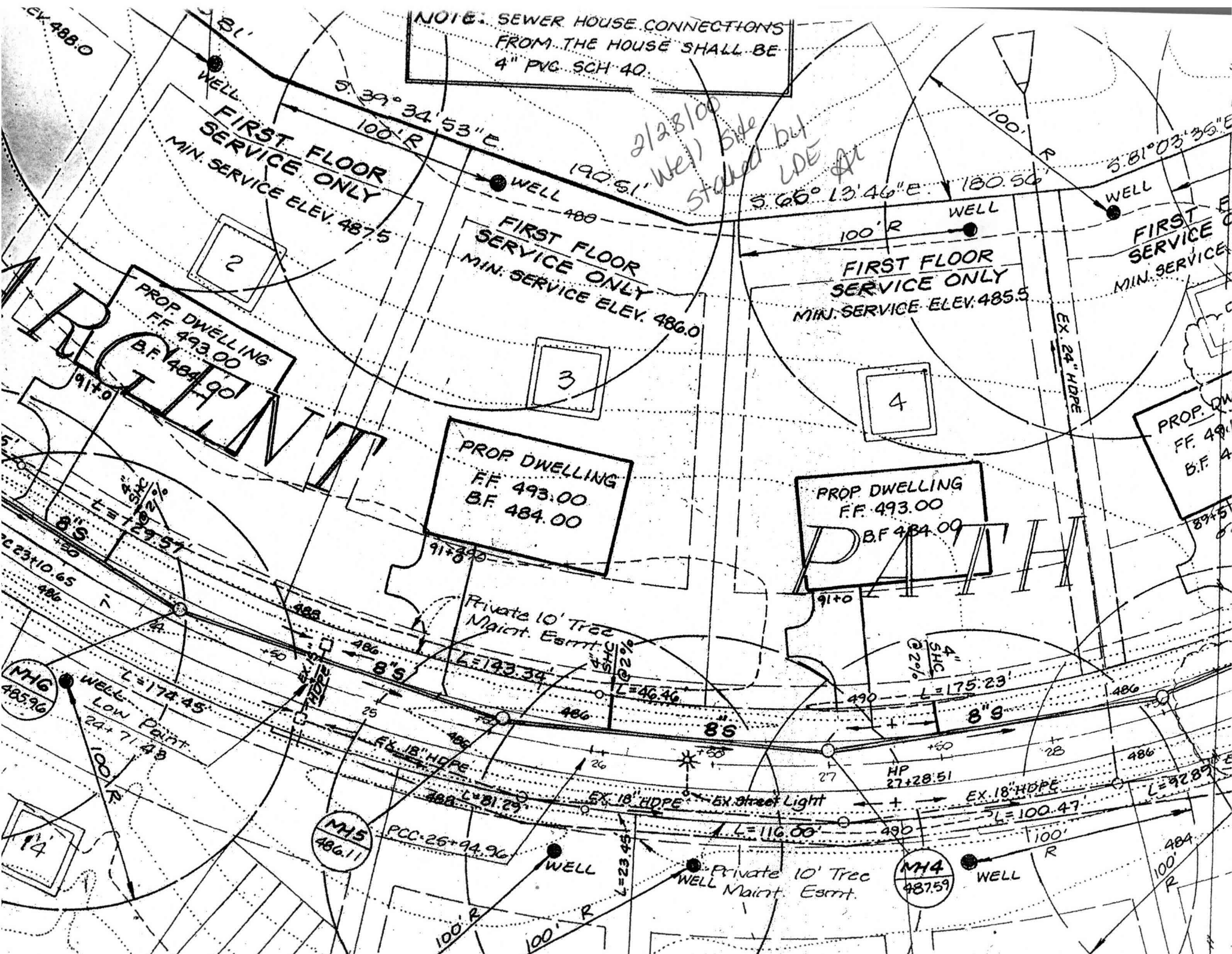
Signature of company representative responsible for installation: Robert L. Freezer date: 12/7/01

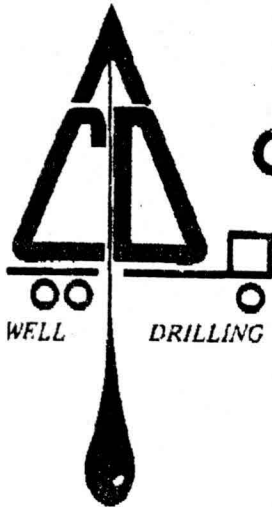
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 12/6/01 Date Insp. Approved: 12/6/01 (50) SRM
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

NOTE: SEWER HOUSE CONNECTIONS FROM THE HOUSE SHALL BE 4" PVC SCH 40.

2/28/00 Well Site Stalled by LDE





Cline & Duvall, Inc.

8093 Hillmark Court
Frederick, Maryland 21701
(301) 663-6055

12/11/00- Spoke to
Betty Mayne of Joe
Mayne well drilling.
Joe Mayne agrees to
accept these permits.

December 11, 2000

SRK

Howard Co. Health Dept.
Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, MD 21043-4544
ATTN: Steve

RE: Brantwood Subdivision

This memo is to inform you that the following
well permits will be transferred to Joseph Mayne:

Brantwood Sec. 2 Area 1	Brantwood Sec. 2 Area 2
Lot 20 HO-94-2576	Lot 1 HO-94-2601
Lot 21 HO-94-2577	Lot 2 HO-94-2602
Lot 22 HO-94-2578	Lot 3 HO-94-2603
	Lot 4 HO-94-2604
	Lot 5 HO-94-2605
	Lot 6 HO-94-2606
	Lot 9 HO-94-2607
	Lot 10 HO-94-2608
	Lot 12 HO-94-2609

If you have any questions, please contact us.

Robert L. Cline

Robert L. Cline
Cline & Duvall, Inc.