

C1 07658

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. OKSRK 1/7/01

COUNTY NUMBER A513199N

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

12 21 00

22 180 26 (TO NEAREST FOOT)

HO-94-2609

OWNER: Brantwood LLC last name Argent path first name TOWN ELICOTT CITY STREET OR RFD SUBDIVISION Brantwood 2/2 SECTION LOT 12

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

Sand 0 43 Gray Mica Rock 43 180

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

yes no Y N 44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 11 NO. OF POUNDS 1034

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft.

CASING RECORD

casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 47

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 STEEL BRASS BRONZE PLASTIC OPEN HOLE 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

DIAMETER OF SCREEN (NEAREST INCH) from 56 to 60

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

C 3

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 25 ft.

WHEN PUMPING 33 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 (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) 31 35

PUMP HORSE POWER 37 41

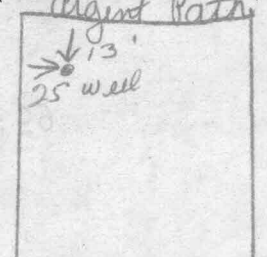
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE - below 2 (nearest foot)

LOCATION OF WELL ON LOT

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



NUMBER OF UNSUCCESSFUL WELLS: 0

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 M S D 24

DRILLERS SIGNATURE Joseph & Maime

LIC. NO. 1 D

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

B 1 08191

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2609 fill in this form completely

Date Received (APA)

021800

OWNER INFORMATION

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

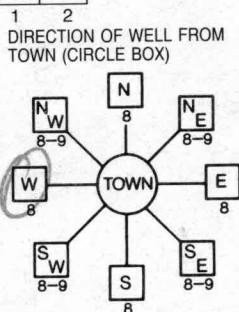
B 3 HOWARD LOCATION OF WELL

Howard Brantwood Pine Orchard Area 2

DRILLER INFORMATION

Robert L. Cline M W D 139 Cline & Duvall, Inc. 8093 Hillmark Ct., Frederick, MD 21704

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Argent Path NEAR WHAT ROAD ON WHICH SIDE OF ROAD DISTANCE FROM ROAD TAX MAP: 23

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A513199N COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 022800 Amy MAM:ilen 2/28/01

APPROXIMATE DEPTH OF WELL 250 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

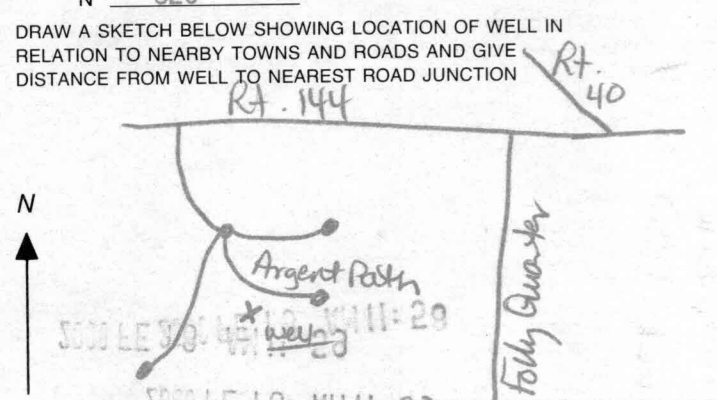
METHOD OF DRILLING (circle one)

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 DEEPEM AN EXISTING WELL

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER HO 98 GAP 6003 PERMIT No. HO-94-2609

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

WL8005979

6/21/01
PM

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: CHARLES A. KLEIN & SONS, INC. Telephone #: (410) 549-6960
Address: 5230 KLEIN MILL ROAD
SPRINGVILLE, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): CHARLES A. KLEIN, JR. License #: 6521

*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: WILLIAMSBURG GOLF COURSE Telephone #: (410) 997-8800
Subdivision: BLANTWOOD Lot #: 13 Well Tag #: HO-74-2001
Site Address: 5134 ARBENT PATH
ELICOTT CITY, MD 21042

Submersible Pump Data

Make: JACUZZI
Model #: 5545-13P-52
Pump Capacity: 5 GPM
Well Yield: 2.0 GPM

Pitless Adapter

Make: HARVARD
Model #: PT-800
Depth: 42" (36" min)
NSPC approved:

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 180 feet
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque wrenches 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: POLYETHYLENE
PSI: 1" (160 psi min)
Depth of supply line: (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve: _____
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: CHARLES A. KLEIN, JR. date _____

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

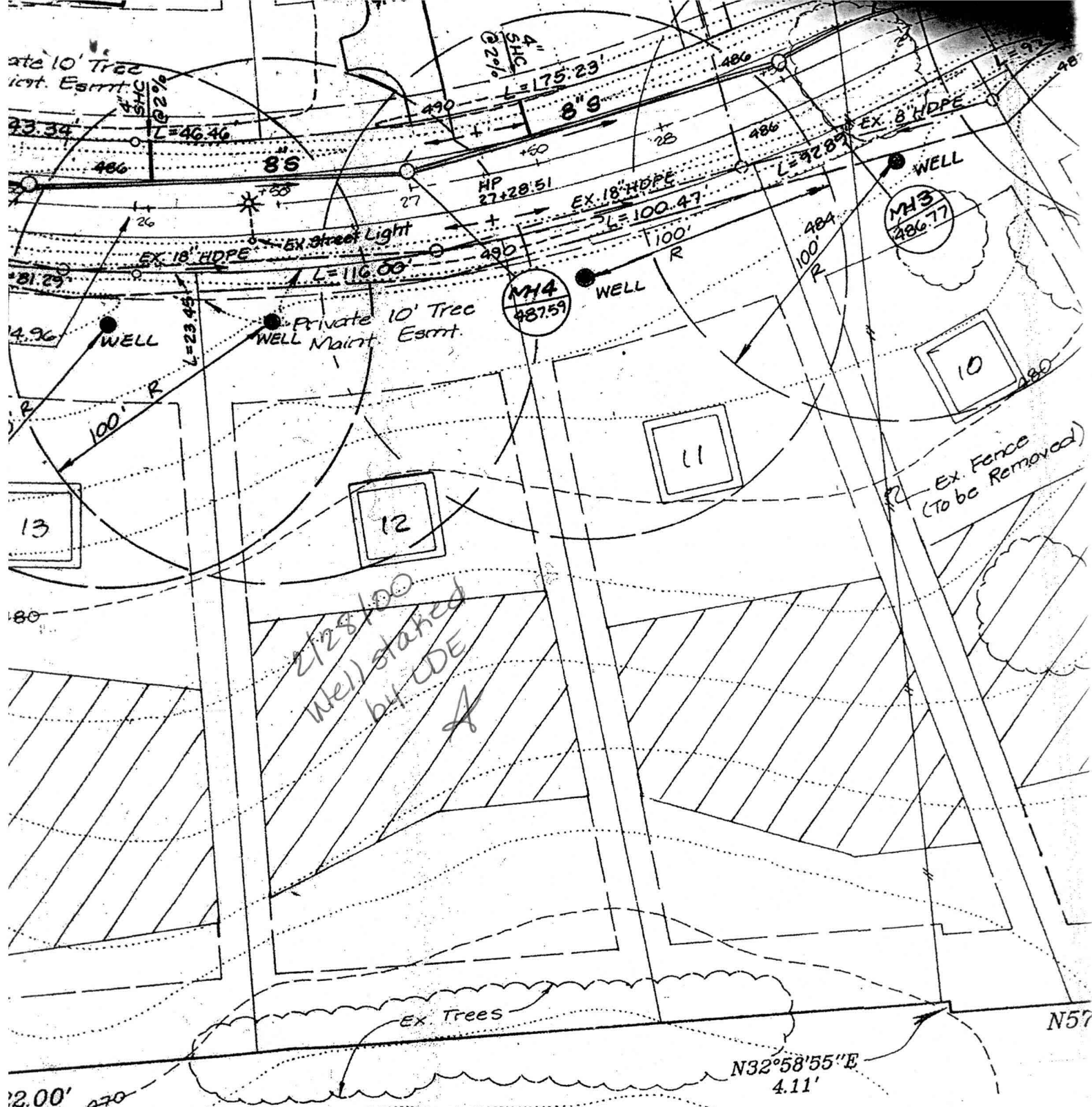
Date Insp. Requested: 6/21/01 Date Insp. Approved: Not ready 6/21/01

- 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 _____

Later Backfilled
w/o approval

Talked to Klein &
Superintendent

OK SRU



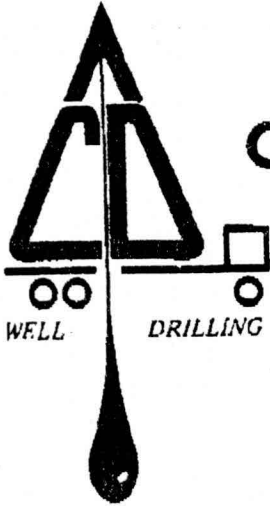
SEWER MANHOLE LOCATION DATA

H.#	Northing	Easting
1	588347.018	1340395.899
2	588323.939	1340202.104
3	588339.517	1340074.912
4	588392.306	1339936.910
5	588475.472	1339820.700
6	588587.886	1339724.490

WALTER W. and JANET T. BEC
 Liber 925 / Folio 42
 Zoned: RC

E. 1339750
 N. 588000

Private Water and Public Sewer



Cline & Duvall, Inc.

8093 Hillmark Court
Frederick, Maryland 21701
(301) 663-6095

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

SRU

December 11, 2000

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.

BRANTLY
25th Anniversary 1975-2000

Hugh F. Cole, Jr.
Chairman

John F. Liparini
President & CEO

December 11, 2000

Ms. Amy McMillen
Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Re: Brantwood Well Permits

Amy,

I am writing to inform you that we are going to transfer well permits for Lots 20, 21 & 22 in Section 2.1 and Lots 1 & 12 in Section 2.2. The permits are currently held by Cline and Duvall. We are transferring them to Joseph Mayne. We plan to start drilling Thursday or Friday of this week.

Please contact me at 410-977-0578 should you have any questions or comments. Thank you for your cooperation.

Sincerely,



Nicholas Liparini, for BWLLC

cc: Joseph Mayne

Brantly Development Group, Inc.
Real Estate Development