

C 1 00268

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A46956

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 202 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94 1944

OWNER OLDE HOME FARM PARTNERSHIP last name UNION CHAPEL ROAD first name TOWN GLENWOOD SUBDIVISION BRINDEL FARM SECTION LOT 2

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Soft Br. Shale, Hard Br. Shale, Soft Br. Sandstone, Soft Blue Sandstone, Hard Blue Sandstone, Blue & Br. Sandstone, Hard Blue Sandstone, Opening, Blue Sandstone.

GROUTING RECORD yes no Y N WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 28 NO. OF POUNDS 2632 GALLONS OF WATER 168 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 85 ft.

CASING RECORD casing types insert appropriate code below 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 BR HO PL OT STEEL BRASS OPEN HOLE BRONZE PLASTIC OTHER

PUMPING TEST 1 2 HOURS PUMPED (nearest hour) 3 8 9 PUMPING RATE (gal. per min.) 10 11 15 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 36 17 20 ft. WHEN PUMPING 150 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 WILL INSTALL 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 (nearest) foot

NUMBER OF UNSUCCESSFUL WELLS: 1 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

DEPTH (nearest ft.) Table with columns: 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

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. MWD 2561 Dana Kyker Jr., II DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. M D

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 LOG INDICATOR OTHER DATA

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) Union Chapel Road

B 1 **3661** SEQUENCE NO. (MDE USE ONLY)

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

STATE OF MARYLAND
PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
HO-94-1944
70 fill in this form completely 79

Date Received (APA) **10/19/98**

OWNER INFORMATION

8 MM DD YY 13
Home Farms Partnership OLden

15 Last Name Owner First Name 34
15298 Union Chapel Rd

36 Street or RFD 55
Woodbine Md 21797

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

8 COUNTY **Howard** 21
Blendel Farms

23 SUBDIVISION 42
Glenwood

SECTION [] LOT **2**
44 46 48 50

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2** M I
73 76 77 78

DRILLER INFORMATION

DANA KYREL JRT II M D 256

Driller's Name 76 License No. 81

Firm Name
Westminster Rotary Well Drilling

Address
P.O. Box 861 Westminster Md, 21157

Signature **Dana Kyrel JRT II** Date **10-16-98**

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD 30
Union Chapel Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **300** 37
DISTANCE FROM ROAD **FT**

ENTER FT OR MI 38 39

TAX MAP: **K1** BLK: **14** PARCEL **1111**

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **7**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **410**

8 12 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. **A46956**

STATE SIGNATURE _____ INSERT S → 41

DATE ISSUED **10/27/98** Mark E. Riffin **10/27/99**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **532 000** EAST GRID **0786 000**

50 55 57 63

APPROXIMATE DEPTH OF WELL **210** FEET
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X **10/31/98 11 AM**

SOURCES OF DRILLING WATER

- CITY**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E **78886** 000 000

N **5382** 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

39 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

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

x well

Union Chapel Rd

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

APPROP. PERMIT NUMBER 54 _____ 63

WRITE INITIALS IN BOX PERMIT No. **HO-94-1944**

FORCE **MR** 67 68 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: K.H. Plumbing, Inc. Telephone #: 410-857-0255
Address: 470 Dotsie Dr.
Westminster, MD 21158

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

License # and name of individual responsible for the field installation:
Name (Print): Keith Hundertmark License# 8300

*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: Bruce Brendel Telephone #: 410-549-8169
Subdivision: Brendel AG Lot Lot #: 1 Well Tag #: HO-99-1944
Site Address: 15400 Union Chapel Rd.

Submersible Pump Data

Make: Yacuzzi
Model #: T759518B-52
Pump Capacity: 5 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: American Canby
Model#: PT 800
Depth: 36" (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" B.G.:
Conduit secured to well cap:

200' Deep
190' to house
10 G.P.M
36' before
150' after

Depth of well encountered at time of pump installation: 200 (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

Piping to house

Type: Polyethylene
PSI: 160 (160 psi min)
Depth of supply line: 36 (36" min)

House Connection

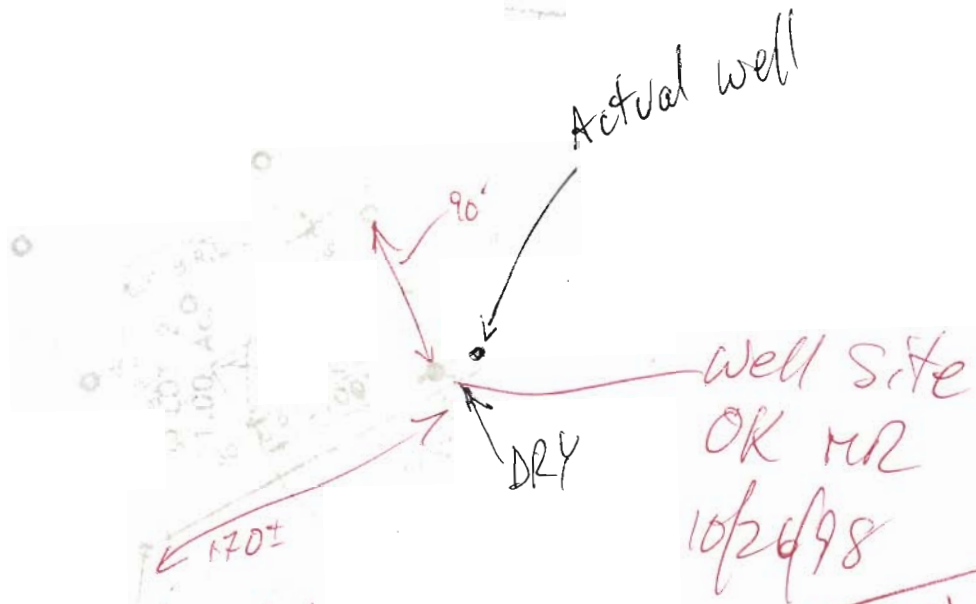
PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 6'
Sleeve caulked and sealed properly:

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: Keith Hundertmark date: 2-13-01

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

Date Insp. Requested: 2/8/01 pm Date Insp. Approved: 2/8/01 (BB) 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



Cor Not
staked
Distance Estimated
w/Phil Brendel

BY TELEPHONE
CONSTRUCTION
PROJECT
REPORTED BY DRILLER
OK TO RELOCATED
15' CLOSER TO
UNION CHAPEL RD.
10/29/98 (CW)

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224, (410) 631-3784

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: October 31, 1998 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

HO — 94 — 1944 →

DRY
MOLE

* PERMIT NUMBER OF REPLACEMENT WELL

* PERSON ABANDONING WELL: Dana Kyker Jr., II

WELL DRILLERS LICENSE NUMBER: MWD256

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Olde Home Farm Partnership

* WELL LOCATION:

COUNTY: Howard

NEAREST TOWN: Glenwood

TAX MAP _____ BLOCK _____ PARCEL _____

SUBDIVISION: Brendel Farm

SECTION: _____ LOT: 2

NEAREST ROAD: Union Chapel Road

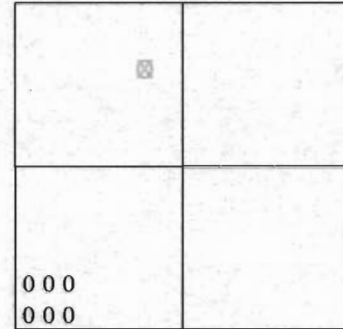
Dry Well #1

MARYLAND GRID COORDINATES

E 790

BOX NUMBER 530

N _____



SHOW WELL LOCATION BY X WITHIN BOX

* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) _____
- JETTED
- HAND DUG

* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: n/a INCHES IN DIAMETER

* DEPTH OF WELL: 127 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement (1880lbs)	0	42
Well Cuttings	42	127

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE #

MWD/MSD/MGD

CIRCLE ONE

DATE

