

C1 2800 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 350 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-95-1803

OWNER Schlemm STREET OR RFD 4705 Bounty Court TOWN Ellicott City

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, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Dirt (0-48), Hard gray (48-98), Med hard gray (98-100), Hard gray (100-350).

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL (C) CEMENT, (B) BENTONITE CLAY NO. OF BAGS 21 NO. OF POUNDS 7050

CASING RECORD MAIN CASING TYPE (S) STEEL, (C) CONCRETE, (P) PLASTIC, (O) OTHER 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 (S) STEEL, (B) BRASS, (H) OPEN HOLE, (P) PLASTIC, (O) OTHER

DEPTH (nearest ft.) SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y)

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. M D 304 David Kelly DRILLERS SIGNATURE Jason Morrison LIC. NO. D 376

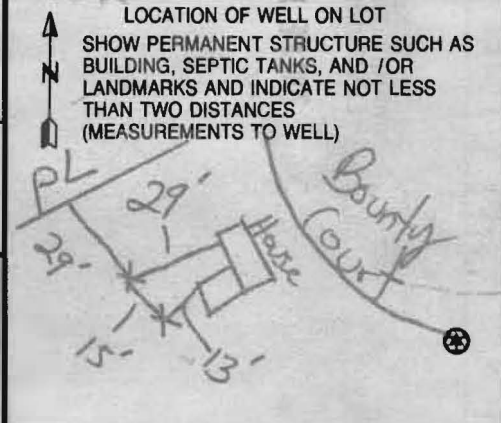
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 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 (YES or NO) 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)



B 1 6227  
1 2 3 6

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please type

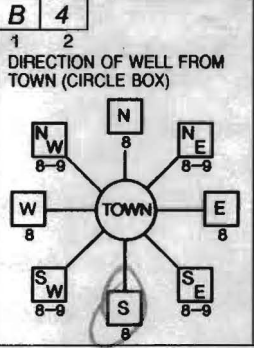
STATE PERMIT NUMBER  
HO-95-1803  
70 fill in this form completely 79

Date Received (APA)  
8 MM DD YY 13  
Schlemm  
15 Last Name Owner First Name 34  
4705 Bounty Ct.  
36 Street or RFD 55  
Ellicott City Md 21043  
57 Town 70 State 72 Zip 76

OWNER INFORMATION

B 3 LOCATION OF WELL  
Howard  
8 COUNTY 21  
Montgomery Estates  
23 SUBDIVISION 42  
SECTION 44 46 LOT 16 48 50  
Ellicott City  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 3 MI  
73 76 77 78

DRILLER INFORMATION  
David Kelly M W D 304  
Driller's Name 76 License No. 81  
Jones Well Drilling, Inc  
Firm Name  
3700 Bushy Rd. Jarrettsville Md 21084  
Address  
David Kelly 8/24/09  
Signature Date



4705 Bounty Ct.  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 110 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
TAX MAP: BLK: PARCEL

B 2 WELL INFORMATION  
1 2 APPROX. PUMPING RATE (GAL. PER MIN.)  
0 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)  
14 0 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, DEWATERING  
P PUBLIC WATER SUPPLY WELL  
T TEST, OBSERVATION, MONITORING  
G GEO-THERMAL 2 holes closed loop

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard 13  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S 41  
DATE ISSUED 9/14/09  
43 MM DD YY 48 CO SIGNATURE EXP. DATE  
NORTH GRID 510 000 EAST GRID 0850 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 350 FEET  
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

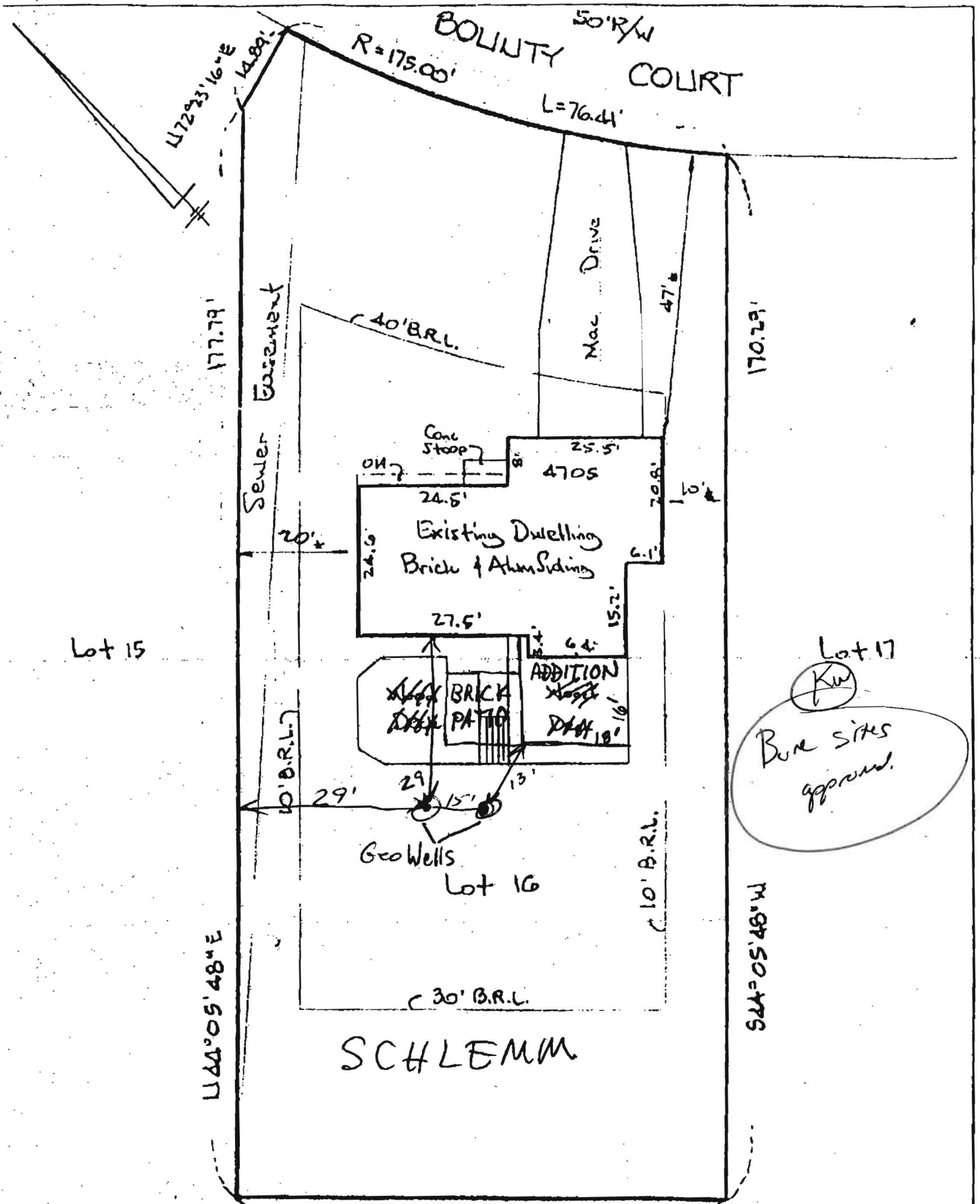
METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 CABLE REVERSE-ROTary Drive-POINT  
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
D THIS WELL WILL DEEPEN 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 G  
PERMIT No. HO-95-1803  
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1.  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 850  
N 510  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
MAP 40 D9  
Sketch showing location of well in relation to nearby towns and roads. Includes Howard County, Ellicott City, and roads like Bounty Ct and Brampton Pkwy.

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED  
Bore to be grouted from bottom to top



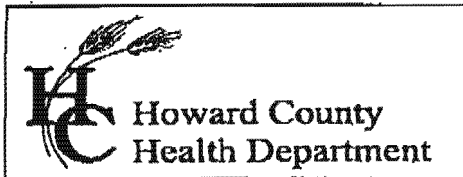
THE LOT SHOWN HEREON IS IN FLOOD ZONE C PER F.E.M.A. FLOOD INSURANCE RATE MAP PANEL # 24000-0029B  
 N45°54'12"W 80.00'

The plat is of benefit to a consumer only insofar as it is required by law to be prepared and returned to the consumer.

Ground Loop



08/19/2010 04:41 FAX 4104570581



7178 Columbia Gateway Drive, Columbia MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

## TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

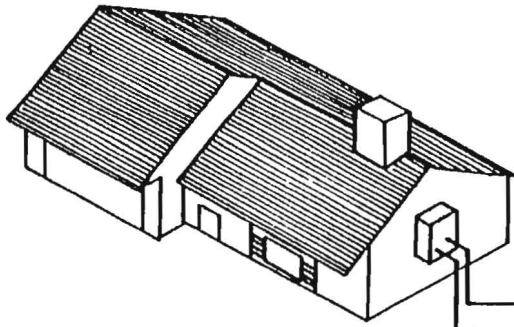
Montgomery Est.      16      4705 Bounty Ct.  
 Subdivision/Property Name      Lot#      Road Name

- The well site has been staked by \_\_\_\_\_,  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health  
 Department to schedule a time to meet in the field to verify the  
 proposed well site location. *wells are flagged*

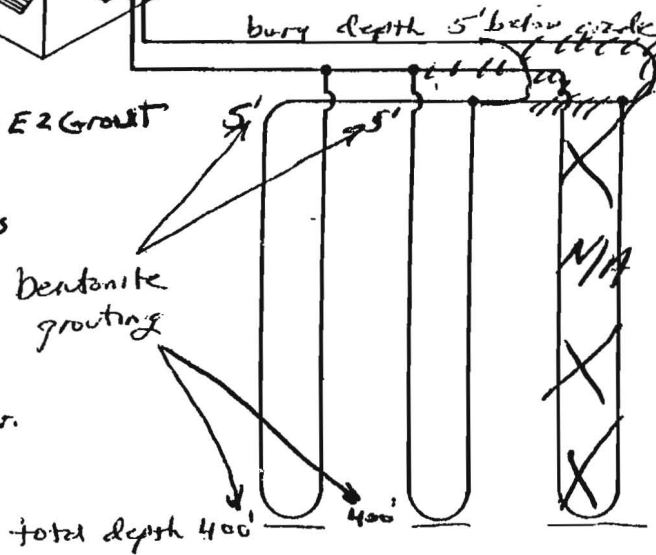
This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

Driller: Jones Well Drilling Inc.  
 contact: David Kelly  
 410-692-6981



Wyo-Ben bentonite-E2 GROUT  
 grout (50 lb. bags)  
 mixed with 24 gallons  
 of water per  
 manufacturer specs  
 yields 27 gal slurry  
 with a 0.42 btu/ft-hr.  
 thermal conductivity



Earth Coil Type: Vertical - Single U-Bend  
 Water Flow: Parallel  
 Pipe Sizes: 1 1/4" double Loop  
 Bore Lengths: 400' x 2 holes (800' vertical bore)  
 Pipe Lengths: 800 x 2 (1600 vertical pipe)

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger

WSCU  
09/10/09

WATER - SEWER BILLING SYSTEM  
CUSTOMER BILLING INQUIRY

PAGE 1 OF 1  
4:22 PM

ACCOUNT# 31030575  
PAYMENT STATUS A ANY  
CYCLE# 2  
TAX ID 02 276089  
LAND USE CODE R

CHARLES & CAROL SCHLEMM  
004705 BOUNTY CT  
04/07/2000  
ELLICOTT CITY MD 210430000

* PROPERTY LOC 004705 -	BOUNTY CT	BLDG#	
CURRENT MAIL DATE	08/14/2009	CURRENT BALANCE	\$0.00
WATER CHARGE	\$31.97	PRIOR READING DATE	04/01/2009
WATER USER CHARGE	\$9.48		
SEWER CHARGE	\$46.23	CURNT READING DATE	07/01/2009
SEWER USER CHARGE	\$7.24	PRIOR READING	0000830
OTHER CHARGE	\$0.00	CURRENT READING	0000853
BAY RESTORATION FEE	\$7.50 (eff Jan 05)	CONSUMPTION	0000023
BALANCE FORWARD	\$0.00	DAYS IN CYCLE	091
NET AMOUNT	\$102.42	TOTAL GALLONS	17,205
NET DUE DATE	09/14/2009	AVG DAILY GALLONS	189
BILL GROSS AMOUNT	\$112.66	LAST PAYMENT DATE	09/04/2009
* CREATE BILL? _ (Y)ES		LAST PAYMENT AMT	\$102.42

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F1=PREV BILLS F2=NM/ADD F3=MENU F4=CNSMPTN F5=FINANCL INQ F6=BILL INQ  
F7=NEXT PAGE F8=PREVIOUS PAGE F9=METER INFO F10=EXIT F11=NOTES