

C1 1442 SEQUENCE NO. (MDE USE ONLY)

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

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

COUNTY NUMBER

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

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED 3 17 08

Depth of Well 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1558

OWNER TOLL Brothers STREET OR RFD Fox River Dr. TOWN Columbia SUBDIVISION Benedict Farms SECTION LOT 23

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. Includes handwritten entries: Browns shale (0-35), Gray Limestone (35-200).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (B) NO. OF BAGS 47 NO. OF POUNDS 24918 GALLONS OF WATER 282 DEPTH OF GROUT SEAL 39

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 40

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (S) (B) (H) (P) (O)

DEPTH (nearest ft.)

Table for depth with columns for casing height and slot size.

DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 66

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

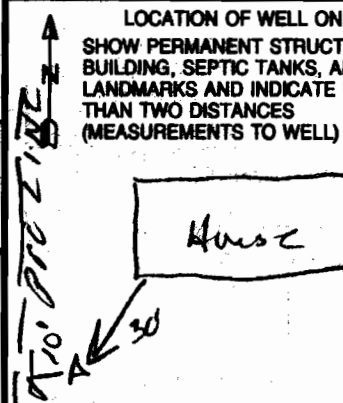
HOURS PUMPED (nearest hour) 03 PUMPING RATE (gal. per min.) 7.5 METHOD USED TO MEASURE PUMPING RATE 190L WATER LEVEL (distance from land surface) BEFORE PUMPING 45 WHEN PUMPING 70 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (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 36 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 01 (nearest foot)

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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER 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 28.04.04 "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-SD-009 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D 1

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

B 7 **8092**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
528410 please type

STATE PERMIT NUMBER  
**HV-95-1558**  
fill in this form completely

Date Received (APA)  
8 MM DD YY 13  
**01 11 13**  
OWNER INFORMATION  
15 Last Name **Toll** Owner **Brothers** First Name  
36 Street or RFD **14324 Triadelphia rd**  
57 Town **Glennetg md** 70 State **21737** 76 Zip

B 3 LOCATION OF WELL  
8 COUNTY **Howard**  
23 SUBDIVISION **Benedict Farm**  
SECTION 44 46 LOT **23** 48 50  
**Columbia**  
52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **3** M I  
73 76 77 78

DRILLER INFORMATION  
Driller's Name **Allen Compton** MS D 009  
Firm Name **Fogles Well Drilling**  
Address **580 Obrecht rd**  
Signature **Allen Compton** Date **12-12-07**

B 4 11551  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
NEAR WHAT ROAD **Fox River Rd**  
34 **290** 37 DISTANCE FROM ROAD **FT**  
ENTER FT OR MI 38 39  
TAX MAP: **29** BLK: **9** PARCEL **28**

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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  
COUNTY NAME **Howard** COUNTY NO. **13**  
STATE SIGNATURE  
DATE ISSUED **2/15/08** INSERT S  
CO SIGNATURE **Steve Osh** EXP. DATE **2/15/14**  
NORTH GRID **511 000** EAST GRID **824 000**

APPROXIMATE DEPTH OF WELL **300** FEET  
APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. **Fl 108**  
2. **3-1708**  
3. **sample collected @ yield (low)**  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E **8284**  
N **5781**

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)  
 CABLE REVerse-ROTary DRive-POINT  
other

REPLACEMENT OR DEEPENED 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 DEEPEN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (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

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
PERMIT No. **HV-95-1558**

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED - **Well needs to be tested for radium**

# Yield Test Data Sheet

County File # \_\_\_\_\_  
District \_\_\_\_\_

MD Well Permit #. H0-95-1558

Date of Test: 3-17-08

Subdivision Name: Benedict Farm

Section \_\_\_\_\_ Lot # 23

Street Address: Fox River Dr.

Measuring Point (MP) Description: Top of casing  
(for ex. "Top of casing")

Distance from MP to ground surface 1 ft.

Well Depth 200 ft.

Well Driller: Fogle's Well Drilling

Must be submitted with the State of Maryland Well Completion Report

Submit to: \_\_\_\_\_

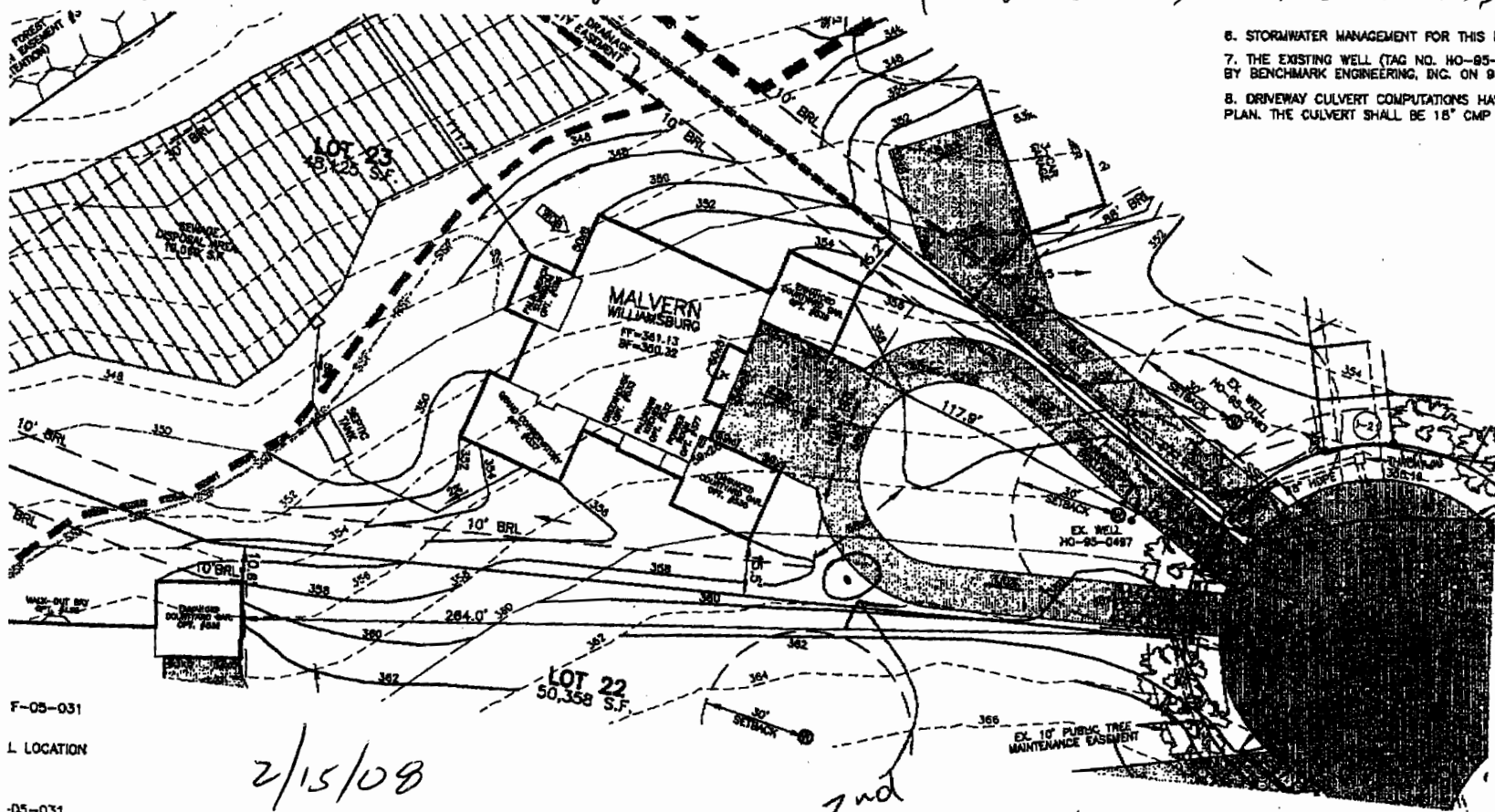
Pump Start Time  <u>8:00</u>	Static Water level: <u>45</u> ft.	Pumping Rate ( ) Time to fill <u>1</u> gal. bucket  ( ) Flow meter reading (if used)	Calculated Flow (gallons per minute)  <u>20</u>
TIME	WATER LEVEL BELOW M.P.		

**Water level and pumping rate must be recorded every 15 minutes**

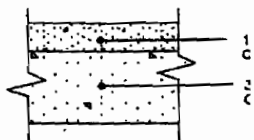
#	TIME	WATER LEVEL BELOW M.P.	PUMPING RATE	CALCULATED FLOW (GPM)
1	8:00	45 ft.	3	20 GPM
2	8:15	70 ft.	8	7.5 GPM
3	8:30	70 ft.	8	7.5 GPM
4	8:45	70 ft.	8	7.5 GPM
5	9:00	70 ft.	8	7.5 GPM
6	9:15	70 ft.	8	7.5 GPM
7	9:30	70 ft.	8	7.5 GPM
8	9:45	70 ft.	8	7.5 GPM
9	10:00	70 ft.	8	7.5 GPM
10	10:15	70 ft.	8	7.5 GPM
11	10:30	70 ft.	8	7.5 GPM
12	10:45	70 ft.	8	7.5 GPM
13	11:00	70 ft.	8	7.5 GPM
14	11:15	70 ft.	8	7.5 GPM
15		ft.		GPM
16		ft.		GPM
17		ft.		GPM
18		ft.		GPM
19		ft.		GPM
20		ft.		GPM
21		ft.		GPM
22		ft.		GPM
23		ft.		GPM
24		ft.		GPM
25		ft.		GPM
26		ft.		GPM
27		ft.		GPM
28		ft.		GPM
29		ft.		GPM
30		ft.		GPM

**NOTES:**

2/15/08 Must received letter from licensed plumber that irrigation well has no cross connections to potable well. Potable well must pass ICOP & Radium water tests (S)



- 6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-05-031.
- 7. THE EXISTING WELL (TAG NO. HO-95-0487) SHOWN ON THIS PLAN HAS BEEN FI BY BENCHMARK ENGINEERING, INC. ON 9-7-06 AND IS ACCURATELY SHOWN.
- 8. DRIVEWAY CULVERT COMPUTATIONS HAVE BEEN PROVIDED WITH THIS BUILDING PEI PLAN. THE CULVERT SHALL BE 18" CMP OR ELLIPTICAL EQUIVALENT.



FULL DEPTH BIT. CONC. ALTE  
P-1 PAVING DETAIL  
NOT TO SCALE

F-05-031  
L LOCATION  
-05-031  
CTION UNDER  
-05-031  
1-06-94  
-05-031  
3

2/15/08  
2nd well s.f.c OK  
Call for inspection when staked. (S)

2nd WELL  
Wood barricades

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644  
www.bei-civilengineerinc.com

BUILDER: TOLL MD III UNITED PARTNERSHIP  
7184 COLUMBIA GATEWAY DRIVE  
SUITE 230  
COLUMBIA, MARYLAND 21046  
410-872-9105

**HOMEWOOD CRO**  
**LOT 23**  
Power 26

11551 FOX RIVER DRI  
TAX MAP 28, GRID 9 - PARC  
3rd ELECTION DISTRICT  
HOWARD COUNTY, MARYLAN

**MALVERN WILLIAMSBURG ELEVA**

DATE:	JULY 10, 2007	PROJECT
SCALE:	1" = 40'	DRAWING

**Fogle's Septic Clean, Inc.**  
**Fogle's Portable Toilets • Fogle's Well Drilling, LLC**  
**Fogle's Excavating, LLC**

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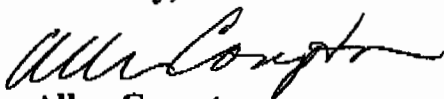
April 18, 2008

**Howard County Health Department**  
**Bureau Of Environmental Health**  
**7178 Gateway Drive**  
**Columbia, MD 21046**

**Dear Sir:**

**This is to advise you that a second well was installed at 11551 Fox River Drive, Ellicott City, Maryland ( Lot 23). The reason for this additional well is for irrigation purposes only. There were no cross connections made between the original potable well and the second irrigation well at any time. Both systems are completely separate from each other.**

Sincerely,



**Allen Compton**  
**Fogles Well Drilling, LLC**

**AC:amw**