

C1 1287 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.

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

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED DATE RECEIVED

DATE WELL COMPLETED 08 05 2008 Depth of Well 22 240 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 95 - 1628

OWNER Land Design & Development first name TOWN Fulton STREET OR RFD Hunterbrooke Lane SUBDIVISION Bruns Property SECTION LOT 2

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 900

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 35

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)

C3 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 17.64 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 34 ft. WHEN PUMPING 8.5 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER INSTALLED PUMP 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: 0 WELL HYDROFRACTURED YES (Y) NO (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

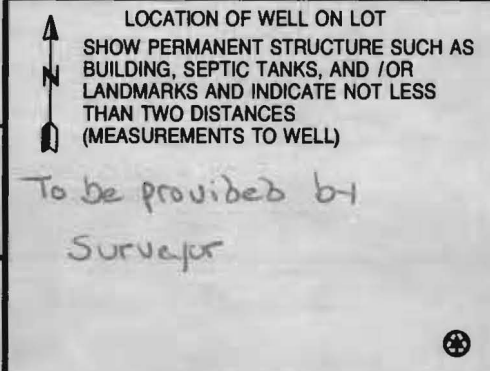
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS, LIC. NO. M S D 162 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. ASD066

C2 DEPTH (nearest ft.) 1 110 35 240 2 E A C H S C R E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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



SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 **6917**
SEQUENCE NO. (MDE USE ONLY)
1 2 3 6

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
528942 please type

STATE PERMIT NUMBER
HO-95-1628
fill in this form completely

Date Received (APA)
8 MM **DD** **YY** **13**
OWNER INFORMATION
Land Design & Development
15 Last Name Owner First Name 34
5300 Dorsey Hall Road
36 Street or RFD 55
Ellicott City MD 21043
57 Town 70 State 72 Zip 76

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

DRILLER INFORMATION
Michael D. Isom M S D **162**
Driller's Name 76 License No. 81
G. Edgar Harr Sons' Corp.
Firm Name
12047 Falls Road, Cockeysville 21030
Address
Signature **[Signature]** Date **5/6/08**

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

Hunterbrooke Lane
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **500** 37
DISTANCE FROM ROAD **500** FT
ENTER FT OR MI 38 39
TAX MAP: **46** BLK: **7** PARCEL **89**

B 2 **WELL INFORMATION**
APPROX. PUMPING RATE **5**
(GAL. PER MIN.) 8 **750** 12
AVERAGE DAILY QUANTITY NEEDED **14**
(GAL. PER DAY) 14 20

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard **A523353-B**
COUNTY NAME COUNTY NO.
STATE SIGNATURE _____ INSERT S → 41
DATE ISSUED **6/10/08** **[Signature]** **6/10/09**
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID **478** 000 EAST GRID **820** 000
50 55 57 63

APPROXIMATE DEPTH OF WELL **300** 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 **478**
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)
 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 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
Lime Kiln
Heather Road
RT 216
[Sketch]
N ↑
MAY 1 2008

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER _____ **G** _____
PERMIT No. **HO-95-1628**
70 71 72 73 74 75 76 77 78 79

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

HARR WELL DRILLING

12047 FALLS ROAD
COCKEYSVILLE, MD 21030
410-252-4588

HOWARD COUNTY YIELD TEST REPORT

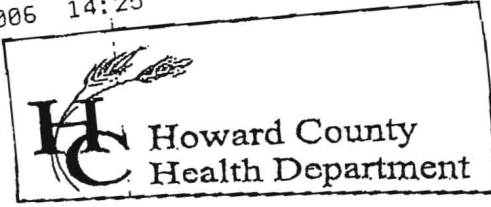
Date Test Performed: 8-01-08
Address: Hunterbrooke Lane
Owner Name: Land Design & Dev.
Well Depth: 240 Ft

Permit Number: HO- 95-1628
Subdivision: Bruns Property L#2
Election District:
Static Water Level: 34 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5 gallon bucket	Calculated Flow-Gallons Per Minute
1115	34 ft		17 sec	17.64
1130	52		17	17.64
1145	70		17	17.64
1200	84		17	17.64
1215	84		17	17.64
1230	84		17	17.64
1245	88		17	17.64
1300	88		17	17.64
1315	88		17	17.64
1330	88		17	17.64
1345	88		17	17.64
1400	88		17	17.64
1414	88		17	17.64

OK

3/29/2006 14:25 4103132648



7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2640
TDD (410) 313-2323 Toll Free 1-866-313-2640
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:
Bruns Property 1,2+3 Hunterbrooke Lane
Subdivision/Property Name Lot# Road Name

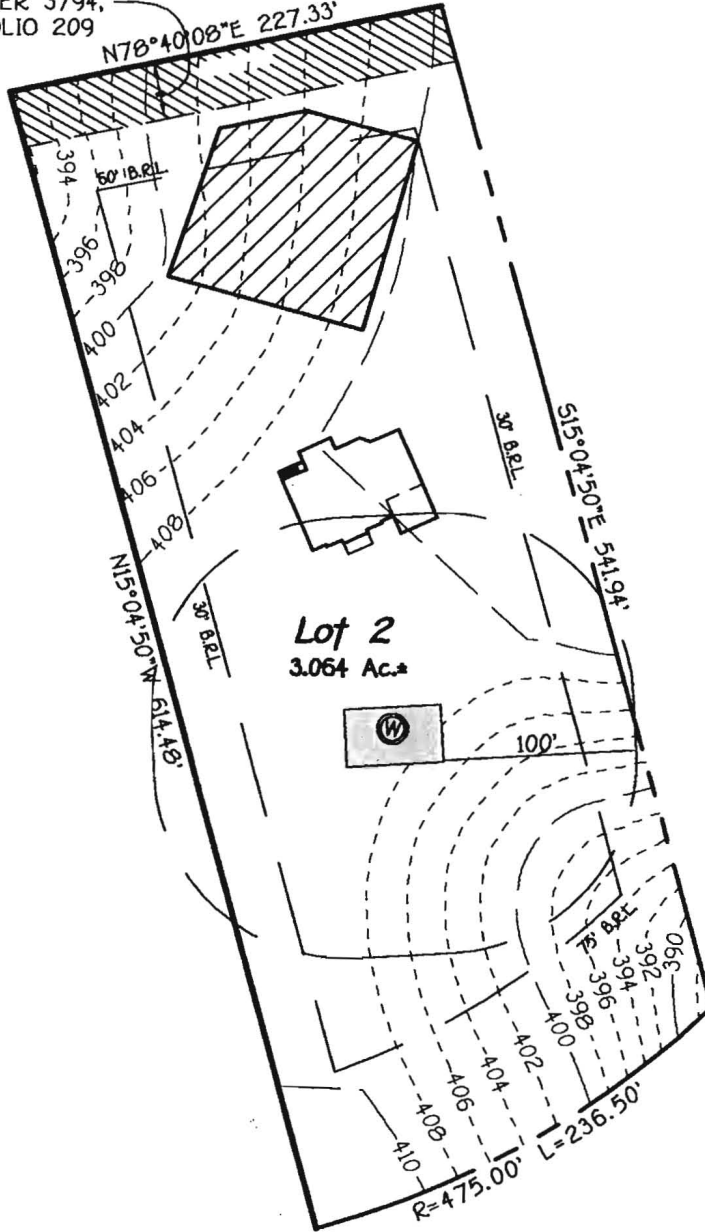
The well site has been staked by Fisher, Collins + Carter,
(professional land surveyor or company employing professional land surveyors)
on May 6, 2008 (date) and does not require a site inspection.

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.

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

EXISTING 30'
PRIVATE
RIGHT OF WAY
LIBER 3794,
FOLIO 209



6/10/08
Well site OK
[Signature]

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2955

EXHIBIT TO ACCOMPANY
WELL PERMIT
BRUNS PROPERTY
LOT 2
TAX MAP 46 PARCEL 89 GRID 7
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: May 6, 2008