

C1 4018

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 TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 400 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 9/30/08 OK (KW) Ho-95-1627

OWNER Land Design + Development last name Hunterbrooke Lane first name FULTON TOWN SUBDIVISION Bruns Property SECTION LOT

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Soil, Brown shak, Gray Rock, and Water at 100'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL (Circle one) CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 37 OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole ST BR HO BRONZE PL OT PLASTIC OTHER

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M SD162 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. MS D 066

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

DEPTH (nearest ft.) Ho 37 400 E A C H S 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 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

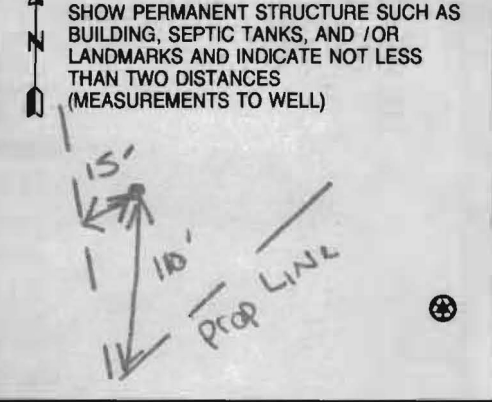
PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 3.15 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 31 ft. WHEN PUMPING 300 ft. TYPE OF PUMP USED (for test) 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 GASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE 1 (nearest foot) - below 50 51

LOCATION OF WELL ON LOT



B 1 6915
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

528942 please type

STATE PERMIT NUMBER

40-95-1627
70 fill in this form completely 79

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Land Design + Development
15 Last Name Owner First Name 34
5300 Dorsey Hall Bld
36 Street or RFD 55
Ellicott city, MD 21043
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Michael Isom M SD 162
Driller's Name 76 License No. 81
G Edgar Harr Sons Corp
Firm Name
12047 Falls Rd 21030
Address
Signature Date

B 3

LOCATION OF WELL

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

B 2
1 2

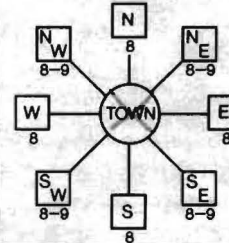
WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750 14 20

B 4

1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Huntersbrooke Lane
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
34 500 37 SOUTH
DISTANCE FROM ROAD FT
ENTER FT OR MI 38 39
TAX MAP: 46 BLK: 7 PARCEL 89

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A-523353A
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 6/10/09 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 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

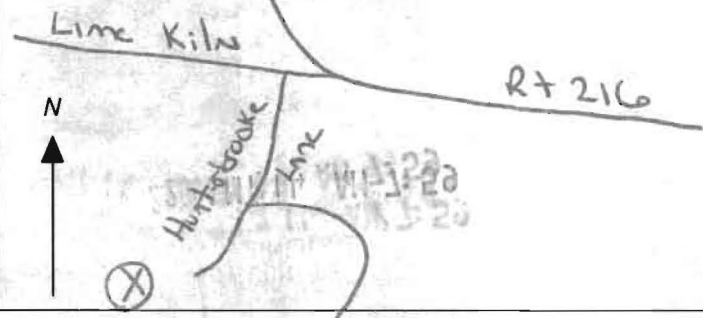
SOURCES OF DRILLING WATER

- 1. Well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820
N 478
000
000

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



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
- 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 DEEPEMED AN EXISTING WELL

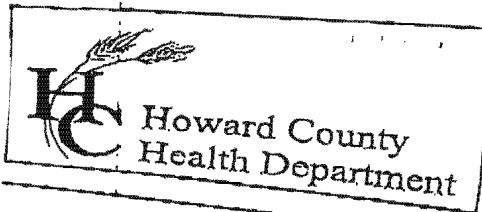
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER
PERMIT No. 40-95-1627
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



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:

Subdivision/Property Name	Lot#	Road Name
Bruns Property	1,2+3	Huntbrooke Lane

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


HARR WELL DRILLING

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

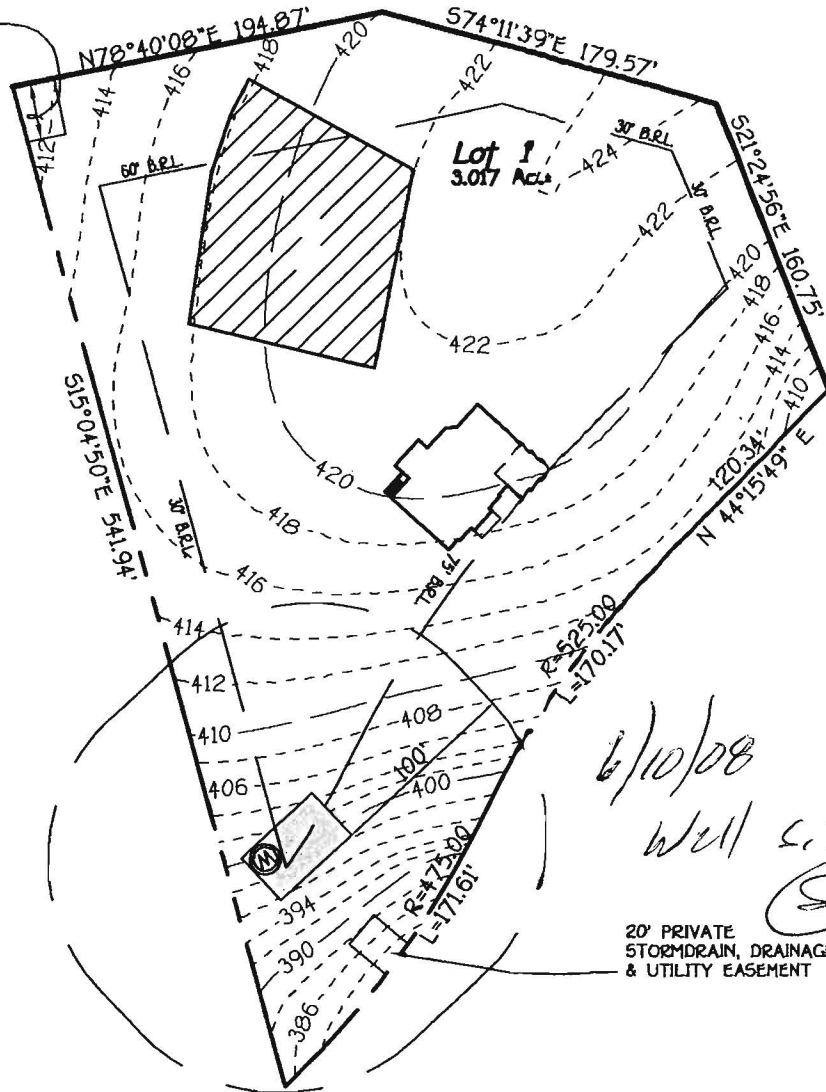
HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 09-23-08
Address: Hunterbrooke Lane
Owner: Land Design & Devel
Well Depth: 400 feet

Permit Number: HO-95-1628
Subdivision: Bruns Property lot 1
Election District:
Static Water Level: 31 feet

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 1 Gallon bucket	Calculated Flow-Gallons Per Minute
0830	31 ft		3 sec	20.00 gpm
0845	126		4	15.00
0900	224		5	12.00
0915	300		19	3.15
0930	300		19	3.15
0945	300		19	3.15
1000	300		19	3.15
1015	300		19	3.15
1030	300		19	3.15
1045	300		19	3.15
1100	300		19	3.15
1115	300		19	3.15
1130	300		19	3.15
1145	300		19	3.15
1200	300		19	3.15
1215	300		19	3.15
1230	300		19	3.15
1245	300		19	3.15
1300	300		19	3.15
1315	300		19	3.15
1330	300	19	3.15	
1345	300	19	3.15	
1400	300	19	3.15	
1415	300	19	3.15	
1430	300	19	3.15	
1445	300	19	3.15	
1500	300	19	3.15	

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



6/10/08
Well site OK

20' PRIVATE
STORMDRAIN, DRAINAGE
& UTILITY EASEMENT

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

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