

C1 3680

SEQUENCE NO. (DENV 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 A 50485

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 22 400 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0426

OWNER Barnard Brothers last name Linthicum Road first name TOWN Dayton SUBDIVISION GRIMES PROPERTY SECTION LOT Map 28, Par 118

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 SAND and GRAYMICA ROCK.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 19 NO. OF POUNDS 1786 GALLONS OF WATER 114 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 65 ft.

CASING RECORD

casings types insert appropriate code below (ST, CO, PL, OT) MAIN CASING TYPE (PL) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 88

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

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 IDENT. NO. 24 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

Table for SCREEN RECORD with columns: DEPTH (nearest ft.) and rows for screen sections.

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

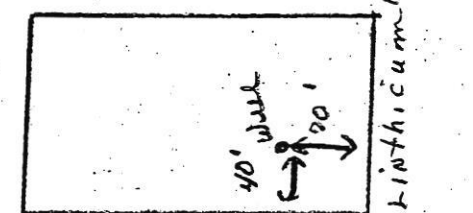
PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2-5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 20 WHEN PUMPING 330 TYPE OF PUMP USED (for test) 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 EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest-gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (+ above, - below) LAND SURFACE (nearest foot) 2

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)





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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

March 16, 1995

Mr. Gary Barnard  
1612 Brittle Branch Way  
Woodbine, MD 21797

RE: Percolation Certification Plat  
Alton Grimes Property  
Map 28, Parcel 118  
Linthicum Road

Dear Mr. Barnard,

The above referenced document has been signed by the Howard County Health Officer.

The document was recommended for signature subject to the following caution: the location of the proposed well site is the subject of some concern due to its land position downslope of existing septic systems (and their likely repair areas) serving properties across Linthicum Road. While the 100-foot minimum setback from this proposed well location to all septic systems/repair areas has been maintained, the concern is that a well drilled at this location may be somewhat more vulnerable to contamination due to its land position and the location of the swale and the swale's tendency to concentrate pollutants.

However, there does not appear to be a clearly better solution to this situation, and the risk of contamination is by no means certain. Therefore, the decision was made by this office to accept the plan for signature as long as all parties are aware of the concerns regarding the proposed well site.

Very truly yours,

Mark E. Rifkin, R.S.  
Sanitarian  
Water & Sewerage Program

MR

cc: Mr. Alton Grimes