

C1 8119 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITH 30 DAYS AFTER WELL IS COMPLETED

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

Date Received (WRA use only) 8/22/81 DATE WELL COMPLETED

Depth of Well 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3940

OWNER Dupont III last name Leland first name STREET OR RFD Md Rte 144 TOWN Lisbon SUBDIVISION Lower Trail SECTION Parcel 416 map 7 LOT 7

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. Rows include Top Soil, Brown Shale, Brown MICA, Blue MICA, etc.

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 7 NO. OF POUNDS 658

CASING RECORD casing types insert appropriate code below STEEL ST CONCRETE CO PLASTIC PL OTHER OT

MAIN CASING TYPE Nominal diameter top/main casing (nearest inch) 6 Total depth of main casing (nearest foot) 40

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below STEEL ST BRASS BRZ BRONZE BR OPEN HOLE HO PLASTIC PL OTHER OT

DEPTH (nearest ft.) 38 250

CIRCLE APPROPRIATE BOX 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 308

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 41 WHEN PUMPING 250

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

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 LAND SURFACE - below (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)

B 1 .6755 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

WRA PERMIT NUMBER
HO-73-3946
fill in this form completely

DATE RECEIVED 6-26-81
8 (WRA USE ONLY) 13
OWNER INFORMATION
DUPONT III Heland L.
LAST NAME 15 OWNER FIRST NAME 34
13850 Forsythe Road
36 STREET OR RFD 55
Sakesville MD 21784
TOWN 57 STATE 76 ZIP

B 3 LOCATION OF WELL
1 2 3 6
COUNTY 8 Howard 21
SUBDIVISION 23 Lower Trail 42
SECTION 44 Parcel 4116 46 LOT 48 7 50
NEAREST TOWN 52 Lisbon 71
MILES FROM TOWN (enter 0 if in town) 73 1 76 77 78 MI

B 1 CONTINUED DRILLER INFORMATION
Stanley W. Bollinger Jr 308
DRILLER'S NAME 77 LICENSE NO. 80
Signature Date
6/26/81

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NORTH SOUTH WEST EAST
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST
NEAR WHAT ROAD 30 MD 144
DISTANCE FROM ROAD 37 1/4 FT
(CIRCLE APPROPRIATE BOX) MI 38 39

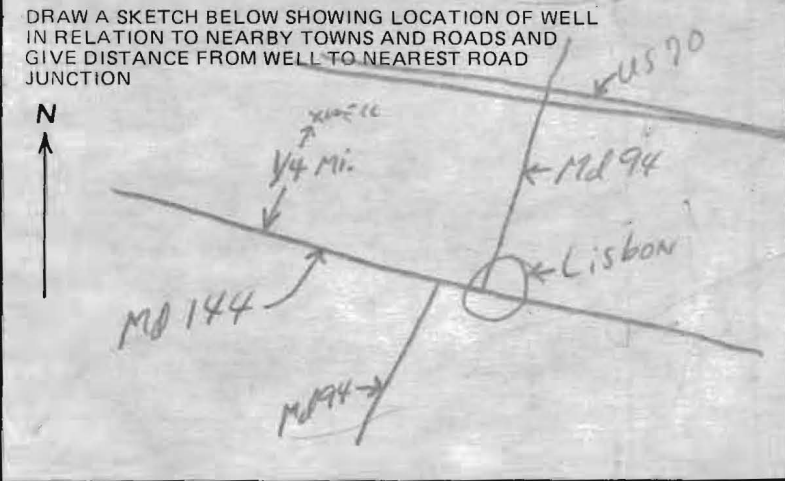
B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 8 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 550 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
WRITE THE BOX NUMBER FROM THE MAP HERE
42' casing
1' about 1/2" gr.
35' jet
7-bags cement
7/15/81
88
000 000

APPROXIMATE DEPTH OF WELL 24 165 28 FEET
APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC)
CABLE REVERSE ROTARY DRIVE-POINT ROTARY
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
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 228524
COUNTY NAME COUNTY NO.

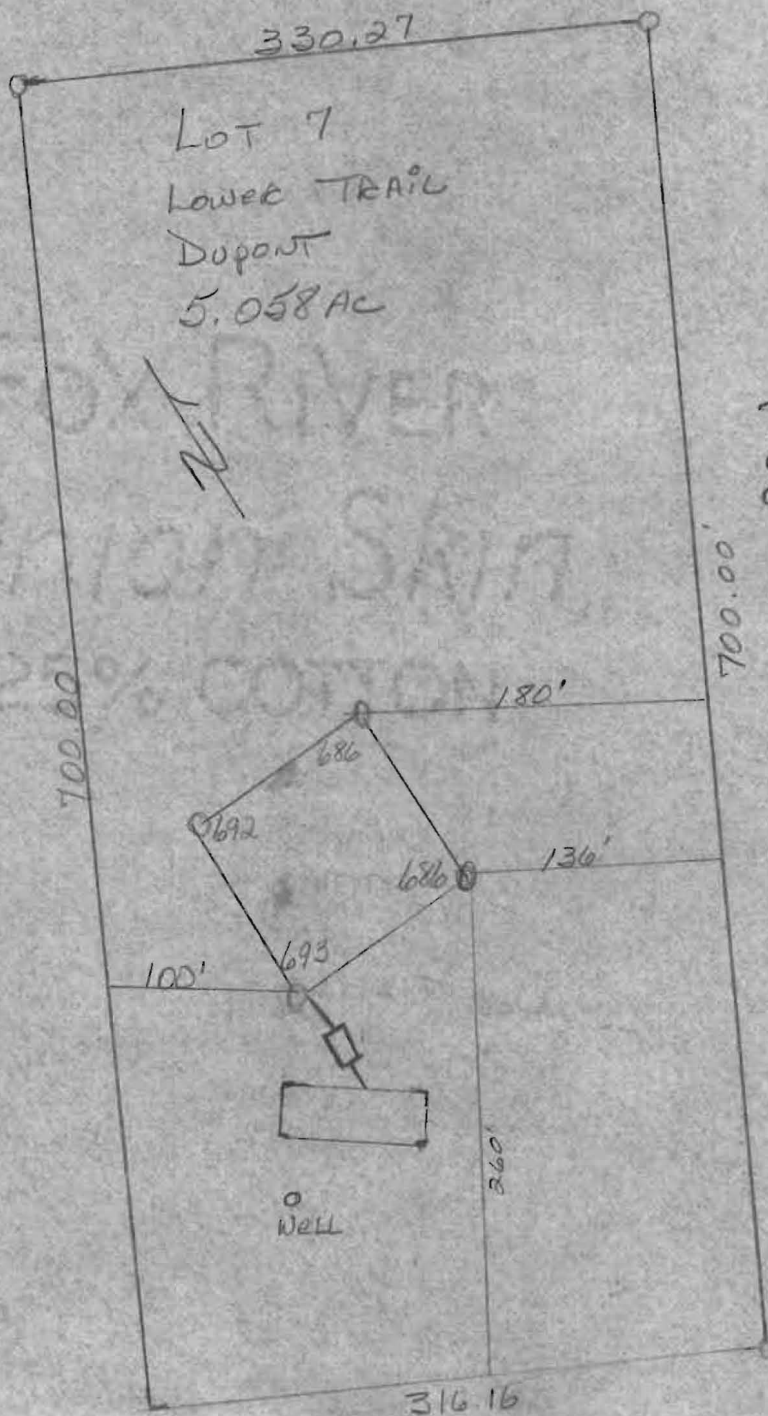
Not to be filled in by driller (WRA USE ONLY)
APPROP. PERMIT NUMBER 54 GAP 63
FORCE INITIALS IN BOX 67 68 ES
CONDITIONS 70 71 72 73 74 75 76 77 78 79 HO-73-3946

EHA SIGNATURE STATE HEALTH CIRCLE BOX 41
MO DAY YR Frank Skinner, Sanitarian 7/9/81
CO SIGNATURE DATE
NORTH GRID 50 548 EAST GRID 57 0776 ELEV. (FT.) 63 65 68

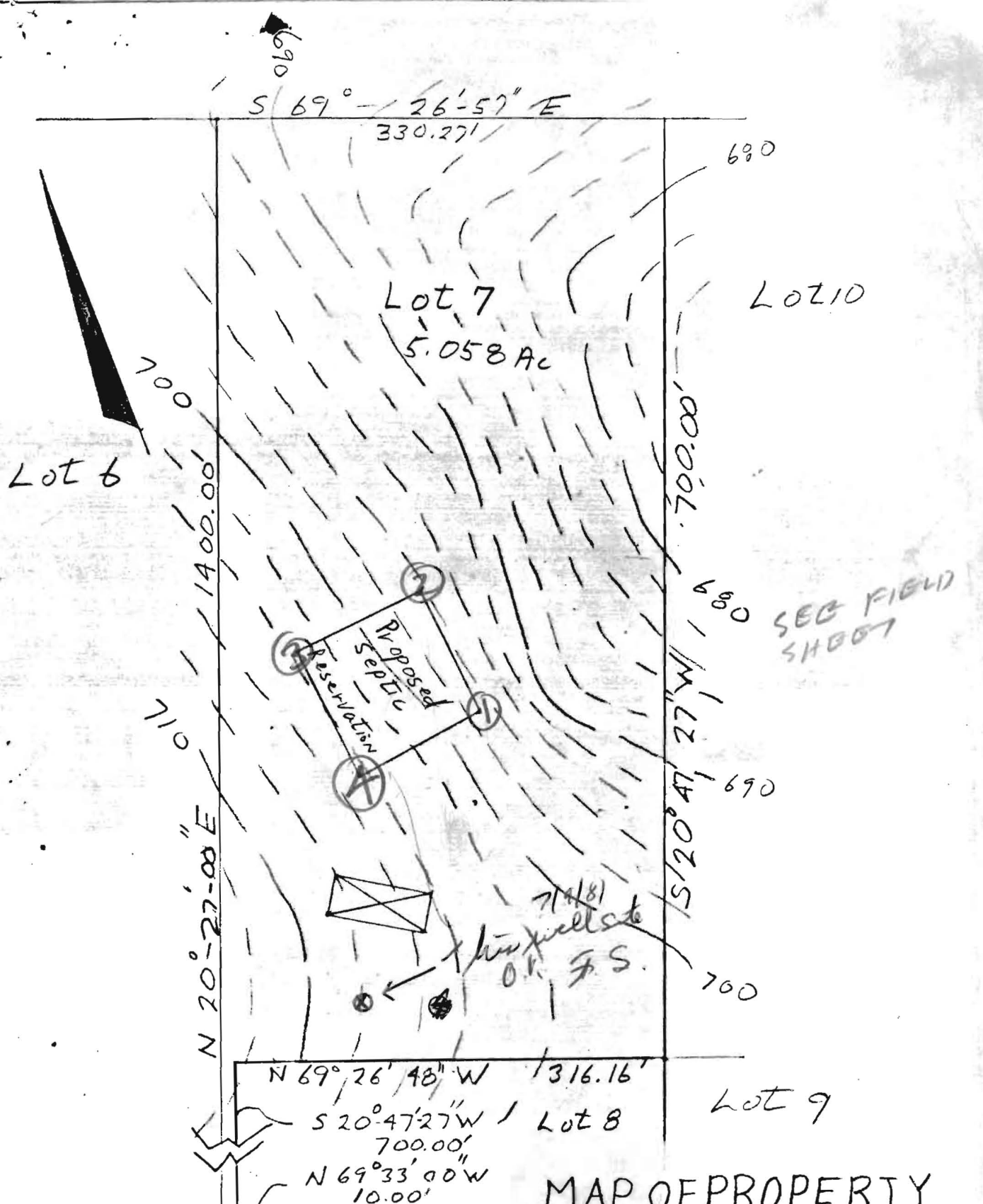
B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 6

Elev.

- Well 698
- F.F. 706.5
- B.F. 695.5
- INVERT HOUSE 694.5
- INVERT TANK 693.8
- EXISTING ELEV. 695.5 (TANK)
- INVERT TANK 693.5 (OUT)
- EXIST DRYWELL 693
- INVERT DRYWELL 689



7/22/83
Sketch OK
F.S.



MAP OF PROPERTY
 OF
 HOWARD ASSOCIATES
 Tax Map #7 Parcel #416
 4th Election District
 Howard County Md

Scale 1"=100' Date 7-20-78

J. Cal. Hudgins P.L.S. #96

Dr. and Mrs. Richard R. and Mary Bloom
16368 Frederick Road
Woodbine, MD 21797
410-489-9762
Fax 410-744-8802

To: Howard County Health Department
Sewer and Well Division
Re: Well Variance Request
From: Richard and Mary Bloom
ATTN: Gregg Mellon

Dear Gregg, I am writing you to request a variance around an existing well. I have also sent the exact measurements of the location of the well in relation to the existing structures and the proposed structures. The closest structure to the well is the existing garage, which measures 14 feet from the well. The proposed porch is an 8-foot wraparound porch that would at the closest point measure a distance of 8 feet 2 inches to the well; we also are proposing to connect the Garage to the Main house. The connecting wall at the closest point to the well will be 20 feet 2 inches. We would like to keep the well for the following reasons:

1. There do not appear to be any issues with servicing the well or access to the well.
2. There are no above ground lines or obstruction to the well.
3. The closest existing structure (Garage) is already 14 feet to the well.
4. We are not building any structures over the well such as breezeways or portico's.
5. The proposed structure closest to the well will be only a front porch, which is elevated 18 inches from the ground.
6. The existing well is rated at a whopping 8 GPM!
7. The water that comes from the well is of excellent quality

If you need any more information to help you form an opinion please feel free to contact me at the above referenced numbers. I would like to thank you and your office for assisting me today with this matter.

To: Howard County Health Department
Sewer and Well Division
Re: Well Variance Request
Sincerely Yours,
From: Richard and Mary Bloom
ATTN: Gregg Mellon

Richard R Bloom Sr

Dear Gregg, I am writing you to request a variance around an existing well. I have also sent the exact measurements of the location of the well in relation to the existing structure and the proposed structures. The closest structure to the well is the existing garage, which measures 14 feet from the well. The proposed porch is an 8-foot wraparound porch that would at the closest point measure a distance of 8 feet 2 inches to the well; we also are proposing to connect the Garage to the Main house. The connecting wall at the closest point to the well will be 20 feet 2 inches. We would like to keep the well for the following reasons:

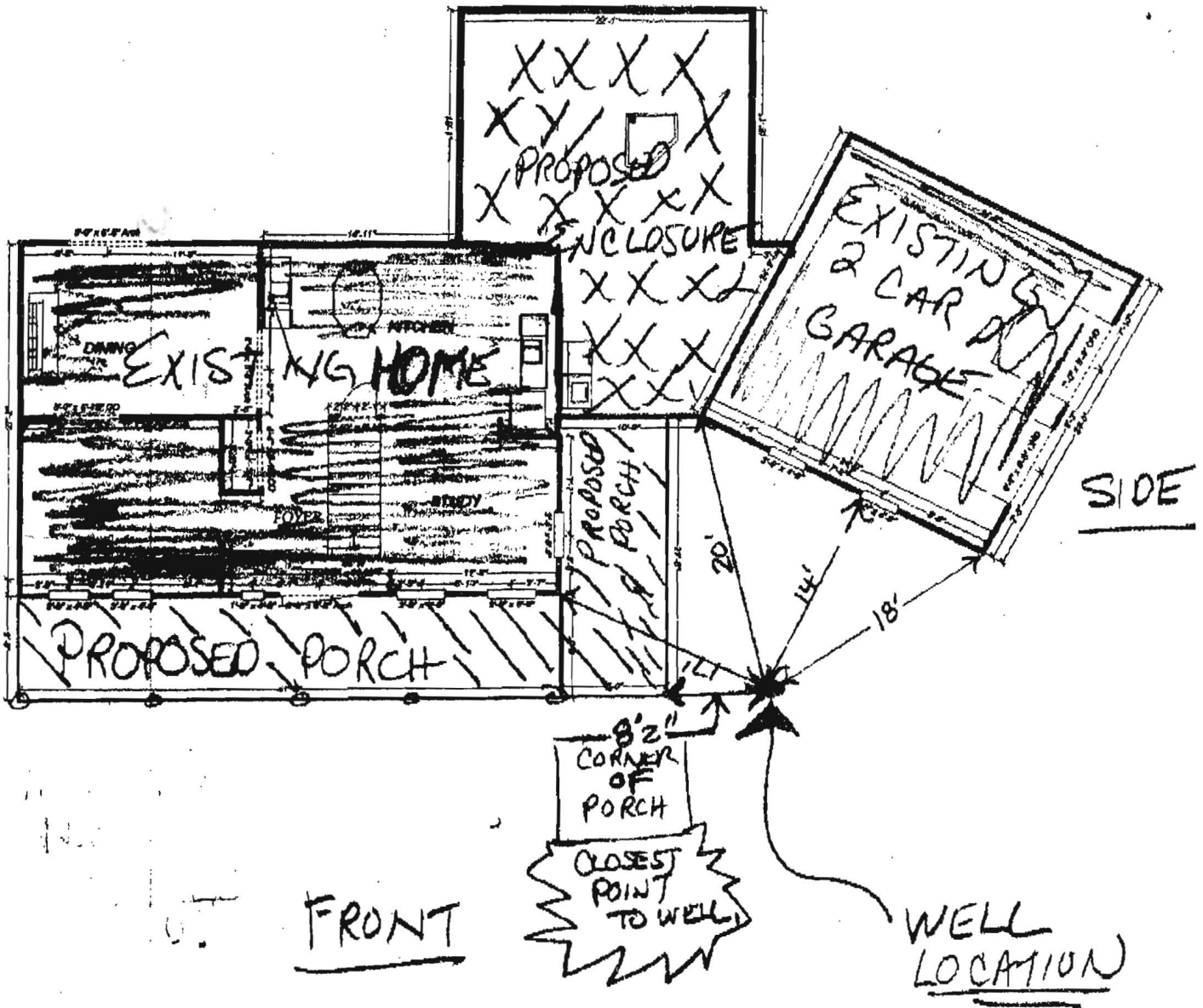
To: Howard County Health Department
Sewer and Well Division

1. There do not appear to be any issues with servicing the well or access to the well.
2. There are no above ground lines or obstruction to the well.
3. The closest existing structure (Garage) is already 14 feet to the well.

Proposed Deck = 8'2"
Currently 17 to house

OK as sited on attached plan

J. Mellon 6/3/02





HOWARD COUNTY HEALTH DEPARTMENT

Bureau of Environmental Health
3525-H Ellicott Mills Drive, Ellicott City, Maryland 21043-4544
(410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 Toll Free 1-877-4MD-DHMH

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

June 4, 2002

Dr. and Mrs. Richard Bloom
16368 Frederick Rd.
Woodbine, MD 21797

Dear Sir,

The variance request to build a deck near a drilled well as stated in your letter received by fax on May 31, 2002, is approved at 8 ft. and 2 inches from the proposed deck. Any changes from this proposal would warrant reevaluation of this variance. Thank you for your attention in this matter.

Sincerely,

Gregory S. Mellon
Acting program director
Well and Septic Program