

Close letter of Jan 24, 16.

~~Oct.~~

Completion

June 29 thru July 2

forms included

3 well grouted without
resp. by E. Day

Nov. 5 - 12
apth. & grouting

E. Day

time element in pt.

Nov 12.

Have illegal grout
sequence of events

~~Have well Woodmark
no resp.~~

(me)

~~late E. Day - Woodmark
early summer 76 no resp.
could not locate~~

Nov. 19 - 76 Reopen
started grout @ apt. in pt.

Mr. John Coralt -

Some time back a meeting of
State, (Sunderland & Coralt), County
(Kin, Monaghan, Limerick), Easterday

C. (L. Franklin E., Geo.,
Father Son Daughters

& Attorney (MacDonald King) was
held due to the 2nd occasion
of a well being granted without
a Co. Inspector being present
to witness the grouting.

The meeting resulted in agreement
that wells would be completed
before rig moved & drilling
another well.

On Sept. - an appt. with
E. Day was made^{ly} to grant 9
wells

~~The apt was~~

on Sept. ~~—~~ The 9 wells
were grouted. the E. Bay G. has
5 or 6 well rigs all of which may or
may not be operating, and doubtful
whether ^{all} are operating ~~are~~ in
Ho, Co.

The point being the wells are
not ^{being} grouted as soon as ^{possible} the ~~the~~ ^{well is completed} ~~the~~
^{from} H.D. availability.

A time delay is not of
major concern except that
it allows time for caring &
complete grouting to be impossible.

The most recent incident
attached



HERBERT A. LECHE
GOVERNOR

STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BUILDING
ANNAPOLIS, MARYLAND 21401

September 8, 1977

Mr. Charles E. Stoner
Attorney at Law
43 North Court Street
Westminster, Maryland 21157

RE: Well #HO-73-2238

Dear Mr. Stoner:

Your letter of August 30, 1977 and attached well completion report are confusing. The well completion report shows that the well is properly grouted (0 to 58 feet) while your letter states that the grout pipe extended only to 30 feet. I also note that the amount of grout used is just about the amount needed to fill 58 feet of annular space. Furthermore, your letter states that the caving sand at 34 feet fell and partially filled the annular space.

Based on the above, it appears that the annular space was open to about 58 feet. Therefore, as required by regulation, the grout pipe should have extended to this depth. It appears to me that although the well was grouted, an improper technique was used and therefore, you are requesting a deviation from standards for the improper technique. I do not see how a few feet of running sand at about 34 feet would prevent the proper grouting technique for this well. If the caving sand had occurred near the base of the weathered zone (bottom of casing), I could then understand grouting several feet less than the length of the casing.

I am in a quandary as to how to deal with this problem. On the one hand, I see no technical reason (other than a misunderstanding) as to why the well could not be constructed in a proper manner with proper techniques. On the other hand, Water Resources Regulation 08.05.02.03C(1)h requires that the subject well be abandoned and sealed if I determine that it does not meet standards - a harsh remedy for this kind of situation.

Page Two
Mr. C. L. Schmitt
September 8, 1977

In this case, I am reluctant to substitute my judgement for that of Howard County. Therefore, by copy of this letter, I am referring this matter back to Howard County with the advice that either decision on this will (disapprove or approve) can be defended.

Sincerely,



Arnold Schiffman
Chief, Permits Division

AS:EM

cc: Mr. Palmer Wine, Director, Environmental Health,
Howard Co. Health Dept. (w/Aug. 30th letter)



HERBERT M. SACHS
DIRECTOR

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DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BUILDING
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Arnold Schiffman
Chief, Permits Division

AS:rw

✓cc: Mr. Palmer Wine, Director, Environmental Health,
Howard Co. Health Dept. (w/Aug. 30th letter)

HOFF AND STONER
ATTORNEYS AT LAW
43 N. COURT STREET
WESTMINSTER, MARYLAND
21157

STANFORD HOFF (1911-1976)
CHARLES E. STONER
LUKE K. BURNS, JR.

AREA CODE 301
848-7777
BALTIMORE LINE
876-1045

August 30, 1977

Mr. Arnold Schiffman
Water Resources Administration
Tawes State Office Building
580 Taylor Avenue
Annapolis, Maryland 21401

Re: Permit No.: HO-73-2238
Dana Kyker, Jr.

Dear Mr. Schiffman:

In accordance with our telephone conversation of August 29, 1977, the following is an explanation as to what occurred with the well which was drilled by Mr. Dana Kyker, Jr. for Mr. Marvin Lintz pursuant to the above captioned Permit Number.

I have attached a copy of the permit issued to Mr. Kyker to drill the well for Mr. Marvin Lintz on the property owned by him in Howard County, Haviland Hills Subdivision, Section 1, Lot 5, near the Town of Clarksville. I have also enclosed a photostatic copy of the well completion report which was submitted to your department on August 24, 1977.

As part of the background in this case, it is my understanding that various problems have existed with some of the well drillers and Mr. Palmer Wine of the Howard County Health Department. It is further my understanding that a meeting was held several weeks ago at which time the procedure for grouting a well was discussed and at which meeting Mr. Kyker was present. When my client left the meeting, he had the impression that no final agreement had been reached and therefore he called Mr. Wine several days later to inquire about the approved depth for grouting a well when a cave in existed. Although there may be some

Mr. Arnold Schiffman
Page 2
August 30, 1977

disagreement between the parties, Mr. Kyker honestly interpreted Mr. Wine's statement to say that if 30 feet of open hole existed, then the well driller could proceed to grout the well without taking any additional steps.

Based on Mr. Kyker's understanding of the conversation, he proceeded to grout the well in question since there was an open hole of 34 to 35 feet. As you know, this well was then disapproved by the Howard County Health Department.

As you can see by reviewing the well completion report on the well drilled for Mr. Lintz, my client encountered brown sand from 34 to 37 feet. Sixty feet of casing was used in this well with the seal being accomplished at a depth of 58 feet in blue mica.

When the cave in was discovered at 34 to 35 feet, and based on my client's understanding of the conversation with Mr. Wine, he then proceeded to grout the well with approximately 30 feet of grout hose in the annular space using 17 bags which I understand would be more than sufficient for this depth. This may also indicate that the grouting might even be deeper inasmuch as 20 feet of casing normally takes five to six bags.

I might also add at this point that it is inconceivable to this writer for Mr. Kyker to proceed to grout a well if he thought that there was any possibility that the same would be disapproved thereby causing him to start from scratch completely at his cost. Based on Mr. Kyker's experience in the well drilling business, he is quite confident that this well will produce an adequate and approved water supply for the homeowner with the only deviation being in the grouting depth as presently interpreted by the agencies with jurisdiction. Mr. Kyker would further warrant his position by clearly stating that if any problem or defective condition developed with this well in regards to his workmanship, (i.e. contamination of the water), that he would immediately drill another well for the homeowner completely at his expense.

Mr. Arnold Schiffman
Page 3
August 30, 1977

In this case, the cave in occurred at the level where the brown sand was encountered. In Mr. Kyker's opinion, the sand continued to fall filling the annular space around the casing and that no bridging existed.

I am sure that you are aware of the various problems and misunderstandings which have existed for some time and I am hopeful that the proposed changes in the regulations will eliminate these problems in the future. We do, however, respectfully request that upon the facts and circumstances involved in this case, that the approval of this well will be granted.

Thanking you, I remain

Very truly yours,

A handwritten signature in cursive script, appearing to read "Charles E. Stoner".

Charles E. Stoner

CES/jfb
Enclosure
cc: Mr. Dana Kyker

2 3 4 5 6 7 8 9 10
THIS NUMBER IS TO BE PUNCHED
IN COLUMNS 3-6 ON ALL CARDS

WATER RESOURCES ADMINISTRATION
TAMWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY

COUNTY: 26
NUMBER: 177

DATE RECEIVED
(WRA USE ONLY)

APPROX. 21, 1977

DEPTH OF WELL

DATE WELL COMPLETED

22 (TO NEAREST FOOT) 20

PERMIT NO. FROM "PERMIT TO DRILL WELL"

27-13-2222

28 29 30 31 32 33 34 35 36 37

8-19

DRILLERS IDENTIFICATION NO.

OWNER: Linley
LAST NAME
STREET OR RFD: 2251 Hanson Street

FIRST NAME
POST OFFICE: Hyattsville, Md. 20783

WELL LOG
STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Grt	0	5	
Brown Mica	5	34	
Brown Sand	34	37	X
Brown & Red Mica	37	54	X
Brown Sand	54	56	X
Blue Mica	56	227	
Black & Green Mica	227	230	
Black Sandstone	230	245	X
Blue Sandstone & Blue Clay	245	266	
Black Sandstone	266	287	
Blue Mica	287	290	
Black Sandstone	290	425	

New Bit

WELL DESCRIPTION

GROUTING RECORD
WELL HAS BEEN GROUTED
(CIRCLE APPROPRIATE BOX)

YES ☒ NO ☐
44 44

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT ☒ BENTONITE CLAY ☒
45 46 45 46

NO. OF BAGS 17 NO. OF POUNDS 1,500

GALLONS OF WATER 100

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 50 FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES
INSERT APPROPRIATE CODE BELOW

STEEL ☒ CONCRETE ☐
PLASTIC ☐ OTHER ☐

MAIN CASING TYPE

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH)

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT)

60 61 63 64 66 70

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET)

FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL ☒ BRASS ☐ OPEN HOLE ☐
PLASTIC ☐ OTHER ☐

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN (NEAREST INCH)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

60 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

C 3

1 2 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (DISTANCE FROM LAND SURFACE)

ALFORD PUMPING

WHEN PUMPING

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR ☐ PISTON ☐ TURBINE ☐
CENTRIFUGAL ☐ ROTARY ☐ OTHER (DESCRIBE BELOW) ☐

JET ☐ SUBMERSIBLE ☐

27 27 27

27 27 27

27 27 27

27 27 27

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON)

PUMP HORSE POWER

PUMP COLUMN LENGTH (NEAREST FOOT)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE ☐ BELOW ☐

LAND SURFACE (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

20 20 20

20 20 20

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STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
TAWES OFFICE BUILDING, ANNAPOLIS, MARYLAND



PERMIT TO DRILL WELL

ISSUE DATE- 07/25/77
MO DA YR

PERMIT NUMBER- HO-73-2238

ISSUED TO DRILLER-

KYKER, DANA JR
P O BOX 861
WESTMINSTER MD 21157

DRILLER
ID. NUMBER- 256

THE ABOVE NAMED DRILLER IS HEREBY AUTHORIZED TO DRILL A WELL
TO BE OWNED BY-

LINTZ, MARVIN
2201 HANNON ST
HYATTSVILLE MD

THIS WELL IS TO BE LOCATED IN HOWARD COUNTY,
HAVILAND HILLS SUBDIVISION, SECTION- 1 , LOT- 5 ,
NEAR THE TOWN OF CLARKSVILLE

THE WATER IS TO BE USED FOR A DOMESTIC SUPPLY.

THIS WELL WILL NOT REPLACE ANOTHER WELL.

SPECIAL CONDITIONS

FAILURE TO COMPLY WITH THE FOLLOWING CONDITIONS WILL CAUSE THIS PERMIT TO BECOME NULL AND VOID.

1. NOTIFY COUNTY HEALTH DEPT. 24 HOURS BEFORE GROUTING WELL.
2. LOCATE WELL AT LEAST 100 FT FROM ANY SEWAGE DISPOSAL SYSTEM

THE ABOVE CONDITIONS FROM CCDES ON APPLICATION

THIS PERMIT IS VALID UNTIL
01/25/78. A WELL COMPLETION
REPORT MUST BE SUBMITTED TO
THE ADMINISTRATION WITHIN 30 DAYS
AFTER COMPLETION OF THE WELL

HERBERT M. SACHS
DIRECTOR, MARYLAND
WATER RESOURCES
ADMINISTRATION