

B 1 8158

SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HO-73-1676

FILL IN THIS FORM COMPLETELY

1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

11/19 9:30

OWNER HOVK COL 15 LAST NAME Albert E. FIRST NAME COL. 34

STREET OR RFD 6107 Westland Drive COL 36 COL. 55

POST OFFICE Hyattsville, Maryland 20782 COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE September 16, 1977 LICENSE NUMBER 30 77 80

FIRST NAME Dana DRILLER Kyker LAST NAME

SIGNATURE [Signature]

B 3 LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION 23 24 42

SECTION 44 46 LOT 48 50

NEAREST TOWN Daisy 52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 1/2 73 M I 76 77 78

B 2 WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 7 5-6 8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 420 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING, AGRICULTURE, IRRIGATION
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
P PRIVATE WATER COMPANY
T TEST

B 4 DIRECTION FROM TOWN

(CIRCLE APPROPRIATE BOX)

N NORTH E EAST NE NORTHEAST SE SOUTHEAST
S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT ROAD Jennings Chapel Rd. 11 NORTH SOUTH EAST WEST 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W 32 32 32 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34 37 M I 38 39

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW, AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

APPROXIMATE DEPTH OF WELL 160' 24 28 FEET

APPROXIMATE DIAMETER OF WELL (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

- BORED (OR AUGERED) JETTED DRIVEN
30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE)

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

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

APPROPRIATION PERMIT NUMBER [ ] ENGINEER REVIEW DISTRICT NO. [ ]
FORCE [ ] WRITE INITIALS IN BOX [ ] CONDITIONS [ ]

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

41 S STATE HEALTH (CIRCLE BOX) COUNTY NAME COUNTY NO.

DATE [ ] MO. DAY YR. APPROVED BY Murtaghan

NORTH COORDINATE [ ] 50 51 52 53 54 55

EAST COORDINATE [ ] 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) [ ] 65 66 67 68 0/0 5/0

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

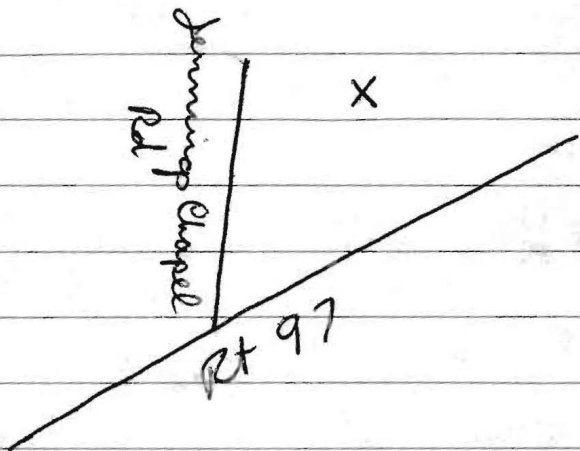
District

Mr Palmer Wine  
Environmental Health

Richard A Briggs  
Environmental Health

Re: Well Permit HO 73-1676 - D. Kyker  
owner: HOOK, ALBERT Jennings Chapel Rd.

On Nov 19, 1976 I was given the above assignment with the following directions:



After driving up Jennings Chapel approximately  $1\frac{1}{2}$  miles I initiated a search of all driveways in the immediate area which was ineffective. The actual location is past the intersection of Jennings Chapel and Daisy Rds.

the grouting process.

Respectfully  
Richard Briggs

The well is 280' deep  
93 ft of casing and } their figures  
took 25 bags of cement

at the time of my arrival the grout personnel had installed 8 bags of cement. They stated they had standing orders to grout if we are over 15 minutes late. I feel that due to the inadequate directions of their office the delay is their fault and this well should be disapproved. The consistent lack of adequate directions by well drillers is well known to field personnel. Mr. Chise has given a letter to the well drillers that states in part,

"The Maryland State Department of Health and Mental Hygiene Regulation 10.03.27.612 requires that "the driller shall grout any annular space around the casing before leaving the well site..." In light of this subsection it is felt that if the Howard County Environmental Health Bureau's program does not allow for compliance to this requirement then a change must be instituted to insure that the well driller can grout when necessary..."

This letter has given the drillers the idea that we are acting far in excess of our authority when we require supervision of

copy to  
Culb 12-13-76

HO-73-1676

Re: Hook, Albert E.  
Jennings Chapel Rd.

Nov. 19, 1976. fw.

Received a call from Mr. Kyker's office approx. just past 10 A.M. that our field man had not arrived for the 9:30 A.M. well grout appointment. I informed him that our man had left but possibly had problems and another man would be dispatched immediately which was done. The 2<sup>nd</sup> man upon arriving at the site learned the 1<sup>st</sup> man sent had just previously arrived both to find the well grouting in progress. They were informed that 8 bags of cement were in the well. The grouting crew also informed our field men that their boss had instructed them to start grouting 15 minutes after the appointment time whether or not a county inspector was there.

The above situation is a direct act of defiance in as much as Mr. Kyker office called and a 2<sup>nd</sup> man was sent immediately to accomplish this job. Mr. Kyker's well permits will not be approved by this County Health Dept. until the above referenced well can be certified as properly grouted

J. Frommet

# HOWARD COUNTY HEALTH DEPARTMENT

P. O. BOX 476  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE 465-5000

December 7, 1976

## MEMORANDUM

TO: Mr. Dana Kyker

FROM: Donald W. Monaghan

This is to advise that no more well applications will be accepted at this office for you until the well has been straightened out for Mr. Albert Houk, Jennings Chapel Road. We will honor the permits that have already been sent to Annapolis but no new applications.

DWM:hs

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

AREA CODE 301  
848-7777  
BALTIMORE LINE  
876-1045

STANFORD HOFF  
CHARLES E. STONER  
LUKE K. BURNS, JR.

December 15, 1976

Donald W. Monaghan  
Howard County Health Department  
P.O. Box 476  
Ellicott City, Maryland 21043

Re: Dana Kyker

Dear Mr. Monaghan:

Your memorandum dated December 7, 1976 which was forwarded to Mr. Dana Kyker has been turned over to this office for response.

We would first demand the basis, legal or otherwise, upon which you take the position that you can refuse to honor applications which might be submitted to the Howard County Health Department for the drilling of wells by my client. This clarification of your position should be in writing.

In addition to the aforesaid written response, I would be happy to discuss this matter with you at your convenience. If the problem involves the routing of the wells and the failure of your personnel to timely arrive on the site for inspection, I refer you to a previous letter directed to your office from the State Department of Natural Resources.

Awaiting your response in this matter, I remain

Very truly yours,

*Charles E. Stoner*

Charles E. Stoner

CES/jfb

SEQUENCE NO. (WRA USE ONLY)  
 1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION  
 FILL IN THIS FORM COMPLETELY  
 COUNTY NUMBER **W23961**

DATE RECEIVED (WRA USE ONLY) **November 19, 1976** DEPTH OF WELL **280** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HC-73-1776**  
 DATE WELL COMPLETED **111976** 22 (TO NEAREST FOOT) 26  
 28 29 30 31 32 33 34 35 36 37  
 DRILLERS IDENTIFICATION NO. **256**

OWNER **Houk,** LAST NAME **Albert E.** FIRST NAME  
 STREET OR RFD **6107 Westland Drive** POST OFFICE **Hyattsville, Md. 20782**

**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	
Dirt	0	9	
Soft Brn. Shale	9	73	
Soft Brn. Shale	73	74	X
Soft Brn. Shale	74	89	
Blue Shale	89	101	
Brown Shale	101	102	X
Blue Shale	102	188	
Opening	188	189	X
Blue Shale	189	280	

**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 **25** NO. OF POUNDS **2,350**  
 GALLONS OF WATER **150**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM **0** FT. TO **93** FT.  
 (ENTER 0 IF FROM SURFACE) 48 52 54 58

**CASING RECORD**

CASING TYPES (INSERT APPROPRIATE CODE BELOW):  
 STEEL  CONCRETE  
 PLASTIC  OTHER

MAIN CASING TYPE  NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **95**  
 60 61 63 64 66 70

**OTHER CASING (IF USED)**

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW):  
 STEEL  BRASS OR BRONZE  OPEN HOLE  
 PLASTIC  OTHER

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) **6**  
 8 9

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **4**  
 11 15

METHOD USED TO MEASURE PUMPING RATE **Flowmeter**

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING **98** (NEAREST FOOT) 17 20  
 WHEN PUMPING **188** (NEAREST FOOT) 22 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST):  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

**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) YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) **31** 35  
 PUMP HORSE POWER **37** 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) **43** 47

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE } LAND SURFACE  
 BELOW } **2** (NEAREST FOOT)  
 49 50 51

**SCREEN RECORD**

DEPTH (NEAREST WHOLE FOOT) FROM TO

1	8	9	11	15	17	21
2	23	24	26	30	32	36
3	38	39	41	45	47	51

SLOT SIZE 1. **2**, 2. **3**, 3. **4**

DIAMETER OF SCREEN **56** (NEAREST INCH) FROM **60** TO

GRAVEL PACK **68**

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

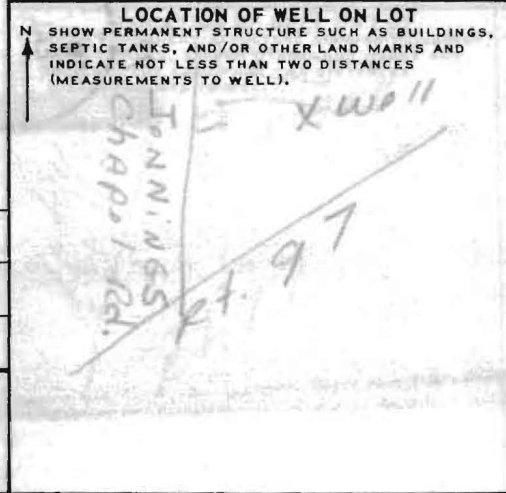
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)  
 T  W Q   
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

**CIRCLE APPROPRIATE BOXES**

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 NAME **Dana Kyker, Jr., II**  
 (PLEASE PRINT)  
 SIGNATURE *Dana Kyker, Jr.*



C 1  
 1 2 3 4 5 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (WRA USE ONLY)  
 0264

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)  
 8-13

DATE WELL COMPLETED  
 November 18, 1976  
 11 18 76

DEPTH OF WELL  
 109  
 22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
 74-73-1470  
 28 29 30 31 32 33 34 35 36 37

DRY HOLE #1

DRILLERS IDENTIFICATION NO. 256

OWNER: Houk, LAST NAME Albert E. FIRST NAME  
 STREET OR RFD: 6107 Westland Drive POST OFFICE: Hyattsville, Md. 20782

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	
Dirt	0	6	
Soft Brn. Shale	6	60	
Soft Brn. Shale	60	62	X
Mud	62	109	

WELL DESCRIPTION

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  
 YES (44)  NO (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  M (45 46) BENTONITE CLAY  B C (45 46)

NO. OF BAGS \_\_\_\_\_ NO. OF POUNDS \_\_\_\_\_

GALLONS OF WATER \_\_\_\_\_

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 48 FT. TO 54 FT. (ENTER 0 IF FROM SURFACE)

C 3

1 2 3 (SEQ. NO.) 6

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 8 9

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 11 15

METHOD USED TO MEASURE PUMPING RATE \_\_\_\_\_

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**

BEFORE PUMPING 17 (NEAREST FOOT) 20

WHEN PUMPING 22 (NEAREST FOOT) 25

**TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)**

A AIR (27)  P PISTON (27)  T TURBINE (27)  
 C CENTRIFUGAL (27)  R ROTARY (27)  O OTHER (DESCRIBE BELOW) (27)  
 J JET (27)  S SUBMERSIBLE (27)

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  S  T  C  O  
 CONCRETE

PLASTIC  P  L  O  T  
 OTHER

MAIN CASING TYPE \_\_\_\_\_ NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) \_\_\_\_\_ TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) \_\_\_\_\_

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 38  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  S  T  B  R  H  O  
 BRASS OR BRONZE OPEN HOLE

PLASTIC  P  L  O  T  
 OTHER

**CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)**

ABOVE } LAND SURFACE (NEAREST FOOT)  
 BELOW } 49 50 51

**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

C 2

1 2 3 (SEQ. NO.) 6

**DEPTH (NEAREST WHOLE FOOT)**

FROM TO

1 8 9 11 15 17 21

2 23 24 26 30 32 36

3 38 39 41 45 47 51

SLOTSIZE 1, 2, 3, \_\_\_\_\_

**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).

*Handwritten notes: 5' x 10' 1/2', 1975, P.T. 97*

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 NAME  
 (PLEASE PRINT) Dana Kyker, Jr. II  
 SIGNATURE [Signature]

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 60 TO

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

T 70  W Q 74 75 76

TELESCOPE LOG OTHER DATA CASING INDICATOR AVAILABLE

1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED  
 IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNE APOLIS, MARYLAND 21401  
 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER  
**HO-73-1676**  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)  
 11/19  
 9:30

OWNER HOOK A E.  
 COL 15 LAST NAME 6107 Westland Dr. FIRST NAME COL. 34  
 STREET OR RFD COL 36 Hyattsville, Maryland 20782 COL. 55  
 POST OFFICE COL 57

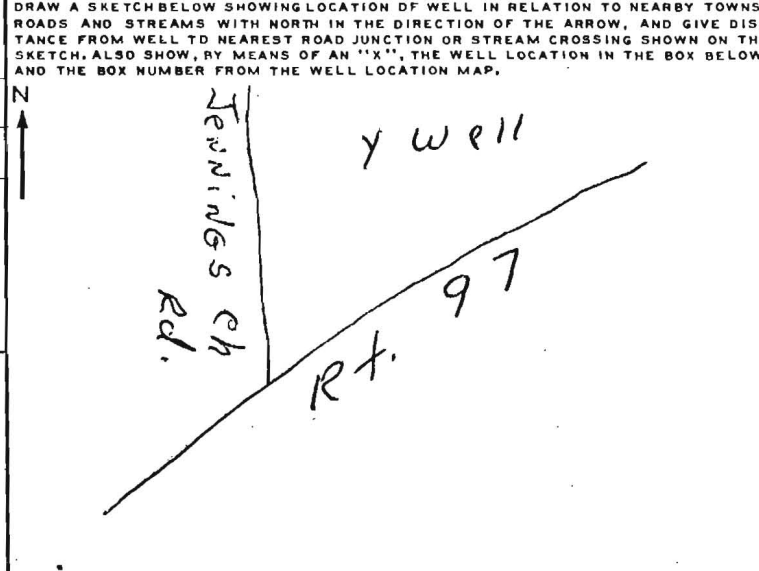
**B 1 CONTINUED DRILLER INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 DATE Sept. 16, 1976. LICENSE NUMBER 30  
77 80  
 FIRST NAME Dana LAST NAME Kyker  
 SIGNATURE Dana Kyker

**B 3 LOCATION OF WELL**  
 1 2 3 (SEQ. NO.) 6  
 COUNTY 8 (DD NOT ABBREVIATE COUNTY NAME) 21  
 SUBDIVISION 23 42  
 SECTION 44 46 LOT 48 50  
 NEAREST TOWN 52 71  
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 73 M 76 77 78

**B 2 WELL INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 420 20  
 USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING, AGRICULTURE, IRRIGATION  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.  
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 PRIVATE WATER COMPANY  
 TEST

**B 4 DIRECTION FROM TOWN**  
 (CIRCLE APPROPRIATE BOX)  
 NORTH  EAST  NE NORTHEAST  SE SOUTHEAST  
 SOUTH  WEST  NW NORTHWEST  SW SOUTHWEST  
 NEAR WHAT ROAD 11 NORTH SOUTH EAST WEST 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  N  S  E  W 32 32 32 32  
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34 37 38 39

APPROXIMATE DEPTH OF WELL 160' FEET  
 APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH)  
 METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)  
 BORED (OR AUGERED)  JETTED  DRIVEN  
 AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 OTHER (DESCRIBE)



**REPLACEMENT OR DEEPEMED WELLS** (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

**NOT TO BE FILLED IN BY DRILLER** (WRA USE ONLY)  
 APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65  
 FORCE 67 68 WRITE INITIALS IN BOX CONDITIONS 70 71 72 73 74 75 76 77 78 79

BOX NUMBER 780 510  
 NORTH COORDINATE 50 51 52 53 54 55  
 EAST COORDINATE 57 58 59 60 61 62 63  
 ELEVATION AT WELL HEAD (FEET) 65 66 67 68 0/0 5/0

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**  
 1 2 3 (SEQ. NO.) 6  
 STATE HEALTH (CIRCLE BOX) COUNTY NAME COUNTY NO.  
 DATE MO. DAY YR. APPROVED BY Montaghan

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**  
 1 2 3 (SEQ. NO.) 6

C 1 **2264** SEQUENCE NO. (WRA USE ONLY)  
 1 2 3 (NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CAROS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION  
 FILL IN THIS FORM COMPLETELY  
 COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) November 18, 1976 DEPTH OF WELL 109 PERMIT NO. FROM "PERMIT TO DRILL WELL" 71-73-1170  
 DATE WELL COMPLETED 11-18-76 22 (TO NEAREST FOOT) 26  
 8-13 15 20 **DRY HOLE #1** DRILLERS IDENTIFICATION NO. 256

OWNER Houk, LAST NAME Albert E. FIRST NAME  
 STREET OR RFD 6107 Westland Drive POST OFFICE Ryattville, Md. 20782

**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	
Dirt	0	6	
Soft Brn. Shale	6	60	
Soft Brn. Shale	60	62	X
Mud	62	109	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N  
 44 44  
 TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  C  M BENTONITE CLAY  B  C  
 45 46 45 46  
 NO. OF BAGS \_\_\_\_\_ NO. OF POUNDS \_\_\_\_\_  
 GALLONS OF WATER \_\_\_\_\_  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM \_\_\_\_\_ FT. TO \_\_\_\_\_ FT.  
 (ENTER 0 IF FROM SURFACE) 48 52 54 58

**PUMPING TEST**

C 3 (SEQ. NO.) 6  
 HOURS PUMPED (TO NEAREST HOUR) \_\_\_\_\_  
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) \_\_\_\_\_  
 11 15  
 METHOD USED TO MEASURE PUMPING RATE \_\_\_\_\_  
 WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING \_\_\_\_\_ (NEAREST FOOT)  
 17 20  
 WHEN PUMPING \_\_\_\_\_ (NEAREST FOOT)  
 22 25  
 TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 A AIR  P PISTON  T TURBINE  
 27 27 27  
 C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)  
 27 27 27  
 J JET  S SUBMERSIBLE  
 27 27

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW  
 S  T  C  O  
 STEEL CONCRETE  
 P  L  O  T  
 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

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) \_\_\_\_\_ 29  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N  
 CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_  
 31 35  
 PUMP HORSE POWER \_\_\_\_\_  
 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_  
 43 47

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_  
 EACH CASING

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW  
 S  T  B  R  H  O  
 STEEL BRASS OR BRONZE OPEN HOLE  
 P  L  O  T  
 PLASTIC OTHER

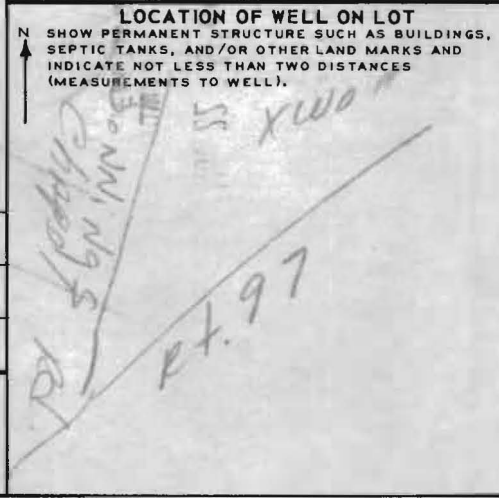
**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 + ABOVE } LAND SURFACE (NEAREST FOOT)  
 - BELOW } 50 51  
 49

**SCREEN SIZES**

C 2 (SEQ. NO.) 6  
 DEPTH (NEAREST WHOLE FOOT) FROM \_\_\_\_\_ TO \_\_\_\_\_  
 EACH SCREEN

1	8	9	11	15	17	21
2	23	24	26	30	32	36
3	38	39	41	45	47	51

SLOT SIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_



**CIRCLE APPROPRIATE BOXES**

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 NAME  
 (PLEASE PRINT) Dana Kyker, Jr. II  
 SIGNATURE [Signature]

DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 56 60  
 FROM \_\_\_\_\_ TO \_\_\_\_\_  
 GRAVEL PACK \_\_\_\_\_  
 IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68  F

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

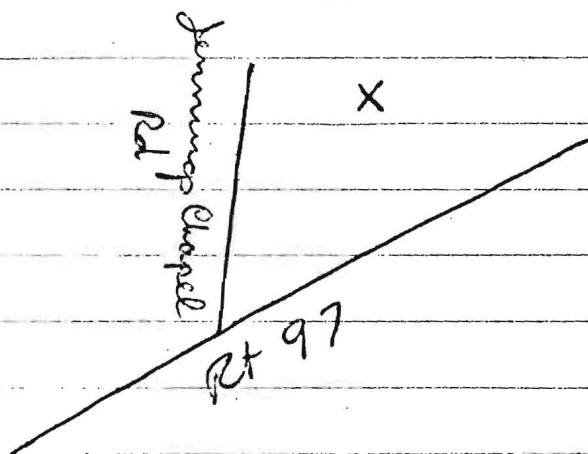
T (E.R.O.S.) W Q  
 70  72  74  75  76  
 TELESCOPE LOG OTHER DATA  
 CASING INDICATOR AVAILABLE

Mr. Palmer Wine  
Environmental Health

Richard A. Biaggi  
Environmental Health

Re: Well Grant HO 73-1676 - D. Kyker  
owner: HOUR, ALBERT Jennings Chapel Rd.

On Nov 19, 1976 I was given the above assignment with the following directions:



after driving up Jennings Chapel approximately  $1\frac{1}{2}$  miles I initiated a search of all driveways in the immediate area which was ineffective. The actual location is past the intersection of Jennings Chapel and Daisy Rds.

at the time of my arrival the grout personnel had installed 8 bags of cement. They stated they had standing orders to grout if we are over 15 minutes late. I feel that due to the inadequate directions of their office the delay is their fault and this well should be disapproved. The consistent lack of adequate directions by well drillers is well known to field personnel. Mr. Chise has given a letter to the well drillers that states in part,

"The Maryland State Department of Health and Mental Hygiene Regulation 10.03.27.612 requires that "the driller shall grout any annular space around the casing before leaving the well site..." In light of this subsection it is felt that if the Howard County Environmental Health Bureau's program does not allow for compliance to this requirement then a change must be instituted to insure that the well driller can grout when necessary."

This letter has given the drillers the idea that we are acting far in excess of our authority when we require supervision of

the grouting process.

Respectfully,  
Richard B. Brog

The well is 280' deep  
93 ft of casing and } their frames  
took 25 bags of cement

HO-73-1676

Re:

Houk, Albert E.  
Jennings Chapel Rd.

Nov. 19, 1976. Fri.

Received a call from Mr. Kyker's office approx. just past 10 A.M. that our field man had not arrived for the 9:30 A.M. well grout appointment. I informed him that our man had left but possibly had problems and another man would be dispatched immediately which was done. The 2<sup>nd</sup> man upon arriving at the site learned the 1<sup>st</sup> man sent had just previously arrived both to find the well grouting in progress. They were informed that 8 bags of cement were in the well. The grouting crew also informed our field men that their boss had instructed them to start grouting 15 minutes after the appointment time whether or not a county inspector was there.

The above situation is a direct act of defiance in as much as Mr. Kyker's office called and a 2<sup>nd</sup> man was sent immediately to accomplish this job. Mr. Kyker's well permits will not be approved by this County Health Dept. until the above referenced well can be certified as properly grouted.

J. Sommet

# HOWARD COUNTY HEALTH DEPARTMENT

P. O. BOX 476  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE 465-5000

December 7, 1976

## MEMORANDUM

TO: Mr. Dana Kyker

FROM: Donald W. Monaghan

This is to advise that no more well applications will be accepted at this office for you until the well has been straightened out for Mr. Albert Houk, Jennings Chapel Road. We will honor the permits that have already been sent to Annapolis but no new applications.

DWM:hs

# HOWARD COUNTY HEALTH DEPARTMENT

P. O. BOX 476  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE 465-5000

December 7, 1976

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FROM: Donald W. Monaghan

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DWM:hs

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

STANFORD HOFF  
CHARLES E. STONER  
LUKE K. BURNS, JR.

AREA CODE 301  
848-7777  
BALTIMORE LINE  
876-1048

December 15, 1976

Donald W. Monaghan  
Howard County Health Department  
P.O. Box 476  
Ellicott City, Maryland 21043

Re: Dana Kyker

Dear Mr. Monaghan:

Your memorandum dated December 7, 1976 which was forwarded to Mr. Dana Kyker has been turned over to this office for response.

We would first demand the basis, legal or otherwise, upon which you take the position that you can refuse to honor applications which might be submitted to the Howard County Health Department for the drilling of wells by my client. This clarification of your position should be in writing.

In addition to the aforesaid written response, I would be happy to discuss this matter with you at your convenience. If the problem involves the routing of the wells and the failure of your personnel to timely arrive on the site for inspection, I refer you to a previous letter directed to your office from the State Department of Natural Resources.

Awaiting your response in this matter, I remain

Very truly yours,

*Charles E. Stoner*

Charles E. Stoner

CES/jfb

SEQUENCE NO. (WRA USE ONLY)

# STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED IN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

1 2 3 (SEQ. NO.) 6  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE WELL COMPLETED

22 (TO NEAREST FOOT) 26

28 29 30 31 32 33 34 35 36 37

8-13

DRILLERS IDENTIFICATION NO.

OWNER: LAST NAME

FIRST NAME

STREET OR RFD

POST OFFICE

### WELL LOG

### WELL DESCRIPTION

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	
soft med. shale	0	9	
soft med. shale	9	73	
soft med. shale	73	74	
soft med. shale	74	99	
med. shale	99	101	
green shale	101	102	
med. shale	102	123	
med. shale	123	130	
blue shale	130	130	

### GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS 25 NO. OF POUNDS 350

GALLONS OF WATER 150

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 93 FT.

### C 3

1 2 3 (SEQ. NO.) 6

### PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 98 (NEAREST FOOT)  
 WHEN PUMPING 188 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE  
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  
 JET  SUBMERSIBLE

### CASING RECORD

CASING TYPES (INSERT APPROPRIATE CODE BELOW)  
 S STEEL  C CONCRETE  
 P PLASTIC  O OTHER

MAIN CASING TYPE  
 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6  
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 95

### OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				

### SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)  
 S STEEL  BR BRASS OR BRONZE  HO OPEN HOLE  
 PL PLASTIC  O OTHER

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	1	2	1	2
1	8	9	15	17
2	23	24	30	32
3	38	39	45	47

SLOT SIZE 1. 2. 3.

### PUMP INSTALLED

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

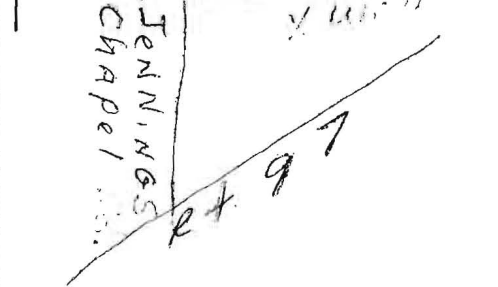
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

### CASING HEIGHT

(CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE LAND SURFACE  
 BELOW 2 (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).



### CIRCLE APPROPRIATE BOXES

- 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 NAME

(PLEASE PRINT)

SIGNATURE

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 60 TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q

TELESCOPE CASING 70  LOG INDICATOR 72  OTHER DATA AVAILABLE 74 75 76