W#: 4776
C#: 83

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:
Bo[illegible]667
Ch[illegible]ttesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Nice Bros., Inc. Mailing Address: 13127 Warwick Blvd., Newport News, VA. 23602

TENANT: Skiminoe Hills #1 Mailing Address: York County, VA. 23185

DRILLER: H. Griffith Mailing Address: Rt. 4, Box 134C, Williamsburg, VA.

WELL LOCATION: County York Approx. 1 ~~feet~~ miles north (direction) of State Hwy168 and ~~feet~~ miles (direction) of Rd. 646

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC.- ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: August 13, 1976 DATE COMPLETED: August 28, 1976

TYPE OF DRILL RIG USED: Jetting TOTAL DEPTH 305' feet

WATER LEVEL: Stands 122 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method pumped
Drawdown 3 feet
Rate 60 gal. per min.
Duration 48 hrs., _____ min.

WATER ZONES: from 280 to 305 feet
from _____ to _____ feet
from _____ to _____ feet

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No XX

DRILL CUTTINGS SAVED: 30 Yes XX No _____

HOLE SIZE: 9 inches from 0 to 50 feet
7 inches from 50 to 280 feet
4 inches from 280 to 305 feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

CASE SIZE: 4 inches from 0 to 280 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

GROUTING: Method _____
Material _____ Depth _____ feet

PUMP: Type submersible
Capacity 60 gal per min
Depth of intake 210 feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: _____

(LOG OF WELL) OVER

LOG

FURNISHED BY: G. H. Griffith DATE:

DEPTH (feet) FROM	DEPTH (feet) TO	TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
0	110'	Sand - Clay mixed-yellow, orange Soft	Subcasing used for 55'
110	280'	Blue mud mixed with shells Very soft	
280	305'	Rock, med. hard. Blue-grey	Very good water bearing stratum

(Use additional forms if necessary)

VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

W# 4776

Page 1 of 1 Well Repository No: C# 83

Date rec'd: 1/11/77 Date Processed: 6/22/77 Sample Interval: from: 0 to: 305'

PROPERTY: Nice Bros. Subdivision Number of samples: 30

COMPANY: G. Griffith Total Depth: 305'

COUNTY: York (Barlows Circle) [illegible]: Water: [illegible]

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 260			
260 270			
270 280			
280 290			
290 300			

Washed and unwashed samples

OWNER: Nice Bros. Sub.
DRILLER: G. Griffith
COUNTY: York
(Barlows Corner)

W# 4776
C# 83
Total Depth: 300'
Quad: Williamsburg

GEOLOGIC LOG

Depth (feet)	
0-10	No sample
10-20	Sand - light brownish yellow gray; slightly clayey; fine to medium grained, some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; some opaques.
20-30	Sand - pale pink; moderate clay; very fine to medium grained, some coarse grains; subangular to subrounded; moderately sorted; quartz; feldspar; some opaques.
30-40	Sand - light yellowish brown; slightly clayey; medium grained to granular , some fine grains; subangular to subrounded; poorly sorted; quartz; feldspar.
40-50	Sand - grayish orange; slightly stained; slightly clayey; fine to coarse grained, 7% granules; some pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few opaques; few grains of glauconite.
50-60	As above except fine to very coarse grained, 10% granules.
60-70	Sand - light yellowish brown; slightly clayey; fine to coarse grained, few granules; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques; few grains of glauconite.
70-80	Sand - pale yellowish orange; moderate clay; very fine to coarse grained, 10% granules; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; few opaques.
80-90	Sand - pale pink; slightly clayey; very fine to medium grained, some coarse grains; subangular to subrounded; moderately sorted; quartz; feldspar; some opaques; few grains of glauconite.
90-100	Sand - pale yellowish orange; slightly clayey; very fine to coarse grained, 5% granules; subangular to subrounded; poorly sorted; quartz; feldspar; few opaques; few grains of glauconite.
100-110	As above except moderate clay.
110-120	Sand - dusty yellow; slightly clayey; fine to medium grained, few granules; subangular to subrounded; moderately well sorted; quartz; few grains of glauconite; few opaques; few grains of feldspar; few shell fragments.

Depth (feet)

120-130 As above except some glauconite; no opaques.

130-140 As above plus muscovite.

140-150 Sand - olive light gray; slightly clayey; very fine to medium grained; subangular to subrounded; moderately well sorted; quartz; 2% shell fragments; few grains of glauconite; few black phosphatic fragments; muscovite.

150-160 Sand - olive light gray; slightly clayey; very fine grained; subangular to subrounded; well sorted; quartz; 7% glauconite; some muscovite.

160-170 As above.

170-180 As above plus some fine grains.

180-190 As above except 5% glauconite.

190-200 As above.

200-210 Sand - olive light gray; moderate clay - olive light gray, dark yellowish orange; fine to coarse grained, few granules; subangular to subrounded; moderately sorted; quartz; 3% glauconite; some shell fragments; muscovite.

210-220 Clay - olive light gray; slightly sandy; very fine to fine grained; subangular to subrounded;moderately well sorted; quartz; 3% shell fragments; some glauconite; few black phosphatic fragments.

220-230 Sand - olive light gray; moderate clay; medium grained, some fine grains; subangular to subrounded; well sorted; quartz; 12% shell fragments; 2% black phosphatic material; few grains of glauconite.

230-240 As above except fine to coarse grained; moderately sorted; some black phosphatic material.

240-250 As above plus forams scarce (inc. Nonion).

250-260 As above except forams rare (inc. Marginulina?); 7% shell fragments; few spines; bone fragments.

260-270 Sand - olive light gray; moderate clay; fine to coarse grained; subangular to subrounded; moderately sorted; quartz; 10% shell fragments; 2% black phosphatic material; few spines.

270-280 As above plus some glauconite; forams scarce (inc. Dentalina).

Depth (feet)	
280-290	Sand - medium light gray; slightly clayey; medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; 15% sandy limestone fragments; 10% glauconite; feldspar; some pyrite.
290-300	Sand - very light olive brown; slightly clayey; medium to very coarse grained; subangular to subrounded; moderately well sorted; quartz; 30% limestone and sandy limestone fragments; feldspar; some shell fragments; pyrite.

Logged by: Micharl T. Currie

GEOLOGIC SUMMARY

Depth (feet)	Thickness (feet)	Rock Unit	Time Rock Unit
0-10	10	No Sample	
10-110	100	Bacons Castle Formation	Pleistocene
110-210	100	Yorktown Formation	Pliocene-Miocene
210-280	70	Clavert Formation	Miocene-Eocene
280-300	20	Nanjemoy Formation	Eocene

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
October 30, 1978