

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3547  
C#: 179

MAILING ADDRESS:  
Box 3667  
Charlottesville, VA 22903

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

OFFICE ADDRESS:  
McCormick Road  
Charlottesville, Virginia

OWNER: George Robberecht Mailing Address: R.F.D. 2  
Montross, VA

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: Douglas & Dickinson, Inc. Mailing Address: Box 498  
Warsaw, VA

WELL LOCATION: County Westmoreland Approx. .5 <sup>feet</sup>/<sub>miles</sub> Northeast (direction) of  
intersection St. Rd. 662 & St. Rt. 202 at end <sup>feet</sup>/<sub>miles</sub> of St. Rd. (direction) of 662

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

DATE STARTED: \_\_\_\_\_ DATE COMPLETED: June 18, 1971

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 359 feet

WATER LEVEL: Stands 4 feet below surface OR

has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air

Drawdown 36 feet

Rate 40 gal. per min.

Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 6 inches from 0 to 142 feet

3 7/8 inches from 142 to 359 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 2 inches from 329 to 349 feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER ZONES: from 329 to 349 feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

from \_\_\_\_\_ to \_\_\_\_\_ feet

CASE SIZE: 4 inches from 0 to 142 feet

2 inches from 142 to 329 feet

2 inches from 349 to 359 feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

WELL TO SUPPLY: (check one) Home \_\_\_\_\_

Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_

Industry \_\_\_\_\_ Other Eel Farm

GROUTING: Method \_\_\_\_\_

Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No \_\_\_\_\_

DRILL CUTTINGS SAVED: Yes <sup>33</sup> XX No \_\_\_\_\_

Capacity \_\_\_\_\_ gal. per min

Depth of intake \_\_\_\_\_ 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: \_\_\_\_\_

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: W#:3547

Date rec'd: 2/22/72 Date Processed: 6/6/72

Sample Interval: from: 0 to: 351  
 C#: 179

PROPERTY: George Robberecht

Number of samples: 33

COMPANY: Douglas & Dickerson, Inc.

Total Depth: 359'

COUNTY: Westmoreland  
 (Mt. Holly)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	267 - 78	-	-
10 - 21	278 - 88	-	-
21 - 31	288 - 99	-	-
31 - 42	299 - 310	-	-
42 - 53	310 - 21	-	-
53 - 64	321 - 31	-	-
64 - 74	331 - 41	-	-
74 - 85	341 - 51	-	-
85 - 95	-	-	-
95 - 106	-	-	-
106 - 117	-	-	-
117 - 128	-	-	-
128 - 138	-	-	-
138 - 149	-	-	-
149 - 159	-	-	-
159 - 170	-	-	-
170 - 181	-	-	-
181 - 192	-	-	-
192 - 202	-	-	-
202 - 213	-	-	-
213 - 224	-	-	-
224 - 235	-	-	-
235 - 246	-	-	-
246 - 257	-	-	-
257 - 267	-	-	-

All intervals have both washed and unwashed samples.

OWNER: George Robberecht  
DRILLER: Douglas and Dickinson, Inc.  
COUNTY: Westmoreland  
(Mt. Holly)

W#: 3547  
C#: 179  
TOTAL DEPTH: 359'  
QUAD: Machodoc

GEOLOGIC LOG

Depth  
(feet)

- 0 - 10 Sand -- yellowish gray; slightly clayey; medium grained, some fine grains, some granules, few pebbles; subangular to subrounded; moderately well sorted; quartz; feldspar; some glauconite; few opaques; few shell fragments.
- 10 - 21 Sand -- off white; medium grained, some coarse grains; subangular to subrounded; well sorted; quartz; feldspar; 2% glauconite; some opaques; few shell fragments; muscovite.
- 21 - 31 Sand -- off white; 50% slightly to moderately stained grains; medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; feldspar; 2% opaques; some glauconite; few flakes of muscovite.
- 31 - 42 Sand -- yellowish gray; slightly clayey; fine to very coarse grained; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; few shell fragments; muscovite.
- 42 - 53 Clay -- yellowish gray; abundant sand; medium grained to granular; subangular to subrounded; poorly sorted; quartz; some feldspar; few grains of glauconite; few black phosphatic fragments; few shell fragments.
- 53 - 64 Granules and clay -- yellowish gray; some medium to coarse grains; subangular to subrounded; well sorted; quartz; feldspar.
- 64 - 74 Gravel and clay -- light olive gray; some fine to coarse grains, few granules; subrounded; well sorted; quartz; feldspar; few black phosphatic fragments; forams scarce (inc. Nonion).
- 74 - 85 Sand and gravel -- light olive gray; abundant clay; fine grained, 40% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few flakes of muscovite; forams (inc. Nonion and Uvigerina).
- 85 - 95 Clay -- light olive gray; abundant sand; fine to medium grained, 10% pebbles; subangular to subrounded; moderately well sorted; quartz; feldspar (pebbles); few grains of glauconite; few black phosphatic fragments; forams scarce (inc. Nonion and Robulus).
- 95 - 106 Clay -- light olive gray; some fine to medium grained quartz sand; few flakes of muscovite; forams rare (inc. Nonion).
- 106 - 117 As above except forams rare (inc. Bulimina).

Depth  
(feet)

- 117 - 128 As above except no forams.
- 128 - 138 As above plus forams rare (inc. Nonion).
- 138 - 149 Clay -- light olive gray; moderate sand; medium grained; subangular to subrounded; well sorted; quartz; 5% shell fragments; some black phosphatic material; few echinoid spines; forams scarce (inc. Nonion).
- 149 - 159 Sand -- medium light gray; medium to coarse grained, some granules; subangular to rounded; moderately well sorted; quartz; 15% shell fragments; 10% glauconite; some echinoid spines; few black phosphatic fragments; few grains of pyrite; forams scarce (inc. Buccella).
- 159 - 170 As above except few echinoid spines; forams (inc. Buccella and Robulus).
- 170 - 181 Sand -- light olive gray; medium grained; subangular to rounded; well sorted; quartz; 15% glauconite; 2% shell fragments; few echinoid spines; muscovite; pyrite; forams scarce (inc. Buccella).
- 181 - 192 As above except 5% shell fragments; forams (inc. Buccella); ostracode.
- 192 - 202 As above plus some coarse grains; 10% glauconite; 3% shell fragments.
- 202 - 213 As above.
- 213 - 224 Sand -- olive light gray; medium grained; subangular to rounded; well sorted; quartz; 35% glauconite; 2% shell fragments; few echinoid spines; forams (inc. Robulus and Buccella).
- 224 - 235 As above except 40% glauconite.
- 235 - 246 Sand -- olive light gray; medium grained, some coarse grains; subangular to rounded; well sorted; quartz; 25% glauconite; 3% shell fragments; few echinoid spines; muscovite; pyrite; forams (inc. Buccella and Robulus).
- 246 - 257 As above except 50% glauconite; some shell fragments; forams rare (inc. Robulus).
- 257 - 267 Sand -- dark greenish gray; medium grained, some coarse grains; rounded; well sorted; 75% glauconite; quartz; few flakes of muscovite.
- 267 - 278 Sand -- olive light gray; moderate clay; medium to very coarse grained; subrounded to rounded; moderately sorted; 50% glauconite; quartz; some shell fragments; few flakes of muscovite; forams scarce (inc. Buccella and Pyrulina ?).
- 278 - 288 Sand -- olive light gray; slightly clayey; medium to coarse grained, some granules; subangular to rounded; moderately well sorted; 50% glauconite; quartz; some shell fragments; few flakes of muscovite; few echinoid spines; forams rare (inc. Robulus).

Depth  
(feet)

- 288 - 299 Sand -- olive light gray; some heavily stained grains; moderate clay; medium to coarse grained, few granules; subangular to rounded; moderately well sorted; 60% glauconite (black, brown, green); quartz; few shell fragments; few flakes of muscovite; forams rare (inc. Nodosaria).
- 299 - 310 As above except slightly clayey; no shell fragments.
- 310 - 321 Sand -- multicolored; 30% slightly to heavily stained grains; medium grained, some coarse grained; subrounded to rounded; well sorted; quartz; 45% glauconite; few shell fragments; muscovite.
- 321 - 331 As above.
- 331 - 341 As above except medium to coarse grained; moderately well sorted.
- 341 - 351 As above.
- 351 - 359 No samples.

Logged by: Michael T. Currie  
April 16, 1979