

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3575

C#: 182

MAILING ADDRESS:

B 3667  
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Pond - A - River Mailing Address: \_\_\_\_\_

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

DRILLER: Douglas Drilling Co., Inc. Mailing Address: Box 498  
Warsaw, VA

WELL LOCATION: County Westmoreland Approx. 1000 <sup>feet</sup>/<sub>miles</sub> South (direction) of  
dead end of St. Rt. 680 and \_\_\_\_\_ <sup>feet</sup>/<sub>miles</sub> \_\_\_\_\_ (direction) of \_\_\_\_\_

(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: February 28, 1972

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 407 feet

WATER LEVEL: Stands 19 feet below surface OR

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

YIELD TEST: Method Air

Drawdown 56 feet

Rate 150 gal. per min.

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

WATER ZONES: from 370 to 400 feet

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

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

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

Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

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

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

Industry \_\_\_\_\_ Other Campgrounds

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

DRILL CUTTINGS SAVED: 39  
Yes XX No \_\_\_\_\_

(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: \_\_\_\_\_

HOLE SIZE: 8 inches from 0 to 189 feet

6 inches from 189 to 370 feet

6 inches from 370 to 407 feet

SCREEN SIZE: 3 inches from 370 to 390 feet

2½ inches from 390 to 400 feet

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

CASE SIZE: 6 inches from 0 to 189 feet

3 inches from 189 to 370 feet

2 inches from 400 to 407 feet

GROUTING: Method Tremmie pipe, pressure

Material neat cement Depth 60 feet

PUMP: Type \_\_\_\_\_

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

Depth of intake \_\_\_\_\_ feet

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DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3575  
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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: Pond-A-River Mailing Address: \_\_\_\_\_

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

DRILLER: Douglas Drilling Co., INC. Mailing Address: Box 498 Warsaw, Virginia

WELL LOCATION: County Westmoreland Approx. 1000 <sup>feet</sup>/<sub>miles</sub> south (direction) of  
dead end of Rt 680 and \_\_\_\_\_ <sup>feet</sup>/<sub>miles</sub> \_\_\_\_\_ (direction) of \_\_\_\_\_

(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: February 28, 1972

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 407 feet

WATER LEVEL: Stands 19 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method Air  
Drawdown 56 feet  
Rate 150 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 8 inches from 0 to 189 feet  
6 inches from 189 to 370 feet  
6 inches from 370 to 407 feet

WATER ZONES: from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

SCREEN SIZE: 3 inches from 370 to 390 feet  
2 1/2 inches from 390 to 400 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

CASE SIZE: 6 inches from 0 to 189 feet  
3 inches from 189 to 370 feet  
2 inches from 400 to 407 feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry \_\_\_\_\_ Other Camp grounds

GROUTING: Method Tremmie pipe, pressure  
Material neat cement Depth 60 feet

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

PUMP: Type \_\_\_\_\_  
Capacity \_\_\_\_\_ gal per min  
Depth of intake \_\_\_\_\_ feet

DRILL CUTTINGS SAVED: Yes 39 No \_\_\_\_\_

(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#: 3575

Date rec'd: 5/15/72 Date Processed: 8/11/72

C#: 182  
Sample Interval: from: 0 to: 407

PROPERTY: Pond - A- River

Number of samples: 39

COMPANY: Douglas & Dickinson

Total Depth: 407

COUNTY: Westmoreland  
(Coles Pt.)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	262 - 273	-	-
10 - 21	273 - 283	-	-
21 - 31	283 - 294	-	-
31 - 42	294 - 304	-	-
42 - 52	304 - 315	-	-
52 - 63	315 - 325	-	-
63 - 73	325 - 336	-	-
73 - 84	336 - 346	-	-
84 - 94	346 - 357	-	-
94 - 105	357 - 367	-	-
105 - 115	367 - 378	-	-
115 - 126	378 - 388	-	-
126 - 136	388 - 399	-	-
136 - 147	399 - 407	-	-
147 - 157	-	-	-
157 - 168	-	-	-
168 - 178	-	-	-
178 - 189	-	-	-
189 - 199	-	-	-
199 - 210	-	-	-
210 - 220	-	-	-
220 - 231	-	-	-
231 - 241	-	-	-
241 - 252	-	-	-
252 - 262	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Pond - A - River  
DRILLER: Douglas and Dickinson  
COUNTY: Westmoreland  
(Coles Point)

W#: 3575  
C#: 182  
TOTAL DEPTH: 407'  
QUAD: Piney Point

GEOLOGIC LOG

Depth  
(feet)

- 0 - 10 Sand -- light dusky yellow; moderate clay; fine to coarse grained, some granules, some pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite,
- 10 - 21 Sand -- yellowish gray; moderate clay; fine to medium grained, some coarse grains, few granules, 3% pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of glauconite.
- 21 - 31 Sand -- light olive gray; fine to coarse grained, some granules, few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; muscovite; vivianite.
- 31 - 42 As above except no vivianite.
- 42 - 52 Clay and sand -- light olive gray, grayish yellow; abundant clay; moderate sand; fine to medium grained, few granules, few pebbles; subangular to subrounded; quartz; some vivianite; few flakes of muscovite; glauconite.
- 52 - 63 As above except clay; moderate sand; some coarse grains; no pebbles.
- 63 - 73 Clay -- light olive gray; some medium to coarse grained quartz sand; some vivianite; few flakes of muscovite; few shell fragments.
- 73 - 84 As above except few fragments of vivianite.
- 84 - 94 Sand -- olive light gray; slightly clayey; medium to coarse grained, some granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; some glauconite; few flakes of muscovite; vivianite.
- 94 - 105 As above plus some fine grains.
- 105 - 115 As above except no vivianite.
- 115 - 126 Sand -- light olive gray; coarse to very coarse grained, some granules; subrounded; moderately well sorted; quartz; feldspar; some glauconite; few shell fragments; muscovite.
- 126 - 136 Sand -- light olive gray; medium to coarse grained; subangular to subrounded; well sorted; quartz; feldspar; 3% glauconite; few shell fragments; muscovite.
- 136 - 147 As above except medium to very coarse grains; moderately well sorted.

Depth  
(feet)

- 147 - 157 Clay -- yellowish gray; some fine to coarse grained sand, 15% granules, few pebbles; subangular to subrounded; well sorted; quartz; some feldspar; few shell fragments; few black phosphatic fragments; few grains of glauconite; few echinoid spines; few diatoms.
- 157 - 168 Clay -- yellowish gray; some medium to coarse grains; quartz; glauconite; few shell fragments; diatoms; forams rare (inc. Nonion).
- 168 - 178 As above plus some echinoid spines; some diatoms; no shell fragments; no forams.
- 178 - 189 As above plus some pebbles.
- 189 - 199 Sand -- yellowish gray; medium grained, some coarse grains, few granules, 3% pebbles; subangular to subrounded; moderately well sorted; quartz; 3% shell fragments; 2% black phosphatic material; some glauconite; few flakes of muscovite; gypsum.
- 199 - 210 Sand -- yellowish gray; medium to coarse grained; subangular to rounded; moderately well sorted; quartz; 20% glauconite; 3% shell fragments; few black phosphatic fragments; pyrite.
- 210 - 220 As above except 10% glauconite.
- 220 - 231 As above except 30% shell fragments.
- 231 - 241 Sand -- yellowish gray; medium to coarse grained; subangular to rounded; moderately well sorted; quartz; 15% glauconite; 5% shell fragments; some pyrite; few black phosphatic fragments; forams scarce (inc. Robulus).
- 241 - 252 Sand -- olive light gray; medium to coarse grained; subangular to rounded; moderately well sorted; quartz; 30% glauconite (brown, black, green); some shell fragments; muscovite; few echinoid spines; pyrite.
- 252 - 262 Sand -- olive light gray; some moderately to heavily stained grains; medium to coarse grained; subrounded to rounded; moderately well sorted; 50% glauconite (black, brown, green); quartz; few shell fragments.
- 262 - 273 As above.
- 273 - 283 Sand -- olive light gray; slightly clayey; medium to very coarse grained, 15% granules; subrounded to rounded; moderately sorted; 50% glauconite; quartz; few flakes of muscovite.
- 283 - 294 As above.
- 294 - 304 As above except no clay.

Depth  
(feet)

- 304 - 315 Sand -- olive light gray; medium to very coarse grained; some granules; subrounded to rounded; moderately sorted; 60% glauconite; quartz; few flakes of muscovite.
- 315 - 325 As above except coarse to very coarse grained, some granules; moderately well sorted.
- 325 - 336 Sand -- olive light gray; slightly clayey; coarse to very coarse grained; rounded; moderately well sorted; 70% glauconite; quartz; few flakes of muscovite.
- 336 - 346 Sand -- olive light gray; moderate clay; medium grained; subangular to rounded; well sorted; 60% glauconite; quartz; few flakes of muscovite.
- 346 - 357 As above.
- 357 - 367 Sand -- moderate olive brown; some moderately to heavily stained grains; medium to coarse grained; subrounded to rounded; moderately well sorted; quartz; 40% glauconite; 2% shell fragments.
- 367 - 378 As above.
- 378 - 388 As above.
- 388 - 399 As above except 3% shell fragments.
- 399 - 407 As above.

Logged by: Michael T. Currie