

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W - 5788
C - 74

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: SWCB - SE 78 - 4A Mailing Address: Richmond, VA

TENANT: _____ Mailing Address: _____

DRILLER: _____ Mailing Address: _____

WELL LOCATION: County Princess Anne Approx. _____ feet miles _____ (direction) of _____

36° 47' 15" N. 76° 03' 08" W and _____ feet miles _____ (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: 11/28/77 DATE COMPLETED: 12/1/77

TYPE OF DRILL RIG USED: _____ TOTAL DEPTH 400 feet

WATER LEVEL: Stands 5 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____

Drawdown _____ feet

Rate _____ gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 4 inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 4 inches from 97 to 102 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other _____

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes 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: Electric Logs available

Elevation : 14'

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 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: C-74
 W-5788

Date rec'd: 4/1/79 Date Processed: 2/25/80

Sample Interval: from 50 to: 380

PROPERTY: SWBC Research Well 78-4

Number of samples: 19

COMPANY: STATE WATER CONTROL BOARD

Total Depth: 400

COUNTY: Princess Anne (Oceana)

Oil or Gas: Well: X Exploratory:

From-To	From-To	From-To	From-To	From-To
-	350 - 360	-	-	-
NO SAMPLE	360 - 370	-	-	-
-	370 - 380	-	-	-
-	-	-	-	-
-	-	-	-	-
50 - 60	-	-	-	-
60 - 70	-	-	-	-
70 - 80	-	-	-	-
80 - 90	-	-	-	-
90 - 100	-	-	-	-
100 - 110	-	-	-	-
110 - 120	-	-	-	-
120 - 130	-	-	-	-
130 - 140	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
190 - 200	-	-	-	-
200 - 210	-	-	-	-
210 - 220	-	-	-	-
202 - 230	-	-	-	-
230 - 240	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
330 - 340	-	-	-	-
340 - 350	-	-	-	-

SPLIT WASH

OWNER: SWBC, Research Well
DRILLER: SWBC
COUNTY: Princess Anne (Oceana)

W# 5788
C# 374
QUAD: Princess Anne
ELEV: 14'

GEOLOGIC LOG

DEPTH
(feet)

0 - 50 No sample.

50 - 60 Sand, light olive gray (5Y 6/1), fine-grained, well sorted, sub-angular to subrounded, quartz with feldspar, biotite, muscovite, chlorite, trace of reworked glauconite and shell fragments.

60 - 70 Sand, slightly silty, light olive gray (5Y 6/1), very fine-to coarse-grained, poorly sorted, subangular to subrounded, 5% fine shell fragments, Strombiformis, mostly quartz, with trace of muscovite, glauconite, garnet.

70 - 80 Same as above but very poorly sorted with numerous granules.

80 - 90 Silt, clayey, sandy, light olive gray (5Y 6/1), very fine-grained, 10% shell fragments, muscovite and quartz present.

90 - 100 Sand, silty, light olive gray (5Y 6/1), 50% shell fragments, gastropods and bivalves, echinoid spines, Turritella, angular; non-shell fraction: very fine-to fine-grained, poorly sorted, quartz, trace of muscovite, glauconite.

100 - 110 Same as above with 50% to 75% shell fragments, Venericardia.

110 - 120 Same as above with Uzita.

120 - 130 Sand/Coquina, biofragmental, 75% polished shell fragments, bivalves, gastropods; non-shell fraction: very fine-to coarse-grained, poorly sorted, quartz, glauconite; Turritella.

130 - 140 Same as above with Uzita.

140 - 150 No sample.

190 - 200 Sand/Coquina, biofragmental, 75% shell fragments, polished and angular, bivalves and gastropods; non-shell fraction: very fine-to coarse-grained, poorly sorted, quartz, glauconite.

200 - 210 Same as above with pinkish gray (5YR 8/1), silt lumps in washed sample.

210 - 220 Coquina/biofragmental sand as above with calcareous cemented silt. Turritella.

Depth
(feet)

- 220 - 230 Sand, silty with calcareous cement, 30% shell fragments, angular and polished; non-shell fragments: quartz, very fine - to very coarse-grained, very poorly sorted, Glycimeris.
- 230 - 240 Silt, sandy, olive gray (5Y 4/1), 10% shell fragments, echinoid spines.
- 240 - 330 No sample.
- 330 - 340 Sand, silty, very fine-grained, olive gray (5Y 4/1), moderately sorted, shell fragments, angular; quartz, 1% glauconite.
- 340 - 350 Same as above with biotite, muscovite, chlorite, and ferricrete.
- 350 - 360 Same as above with abundant silt.
- 360 - 380 Same as above.
- 380 - 400 No sample.