

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3408
C#: 180

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: John Hall Mailing Address: R.F.D. 2
Montross, VA

TENANT: _____ Mailing Address: _____

DRILLER: Douglas & Dickinson, Inc. Mailing Address: Box 498
Warsaw, VA
Near Erica P.O. on dirt road.

WELL LOCATION: County Westmoreland Approx. _____ miles North off (direction) of

St. Rd. 621, 0.6m. from intersections of 621 & 626, and 621 & 711 (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: June 23, 1970

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 207 feet

WATER LEVEL: Stands 8 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown 22 feet

Rate 10 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from 185 to 195 feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Oyster House

WATER ANALYSIS AVAILABLE: Yes _____ No XX

DRILL CUTTINGS SAVED: 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: 4 1/4 inches from 0 to 126 feet

3 7/8 inches from 126 to 207 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 2 inches from 185 to 195 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 2 1/2 inches from 0 to 126 feet

2 inches from 126 to 185 feet

2 inches from 195 to 207 feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

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

INTERVAL SHEET

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Well Repository No: W#: 3408

Date rec'd: 2/22/72 Date Processed: 3/28/72

C#: 180
 Sample Interval: from: 0 to: 207

PROPERTY: John Hall

Number of samples: 20

COMPANY: Douglas & Dickinson, Inc.

Total Depth: 207'

COUNTY: Westmoreland
 (Erica)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 21	-	-	-
21 - 31	-	-	-
31 - 42	-	-	-
42 - 52	-	-	-
52 - 63	-	-	-
63 - 73	-	-	-
73 - 84	-	-	-
84 - 94	-	-	-
94 - 105	-	-	-
105 - 115	-	-	-
115 - 126	-	-	-
126 - 136	-	-	-
136 - 147	-	-	-
147 - 157	-	-	-
157 - 168	-	-	-
168 - 178	-	-	-
178 - 189	-	-	-
189 - 199	-	-	-
199 - 207	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: John Hall
DRILLER: Douglas and Dickinson
COUNTY: Westmoreland
(Erico)

W#: 3408
C#: 180
Total Depth: 207'
Quad: Machodoc

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 Sand -- yellowish gray; moderate clay; fine to medium grained, few granules, 20% pebbles (4-16mm); subangular to subrounded; moderately sorted; quartz; feldspar; few opaques; muscovite.
- 10 - 21 Sand -- light grayish orange; fine grained, some medium grains, some granules, few pebbles; subangular to subrounded; moderately well sorted; quartz; feldspar; few opaques; muscovite.
- 21 - 31 Sand -- yellowish gray; some very heavily stained grains; moderate clay - yellowish gray, light olive gray; fine to medium grained, some coarse grains, few granules, few pebbles; subangular to subrounded; moderately well sorted; quartz; feldspar; some ferricrete; few flakes of muscovite.
- 31 - 42 Clay and sand -- light olive gray; abundant clay; moderate sand; medium grained; subangular to subrounded; well sorted; quartz; 10% shell fragments; some feldspar; few flakes of muscovite; lignite; vivianite.
- 42 - 52 As above except clay; moderate sand; 3% shell fragments; no lignite.
- 52 - 63 Clay -- light olive gray; abundant sand; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; some shell fragments; some muscovite; some glauconite; few black phosphatic fragments; vivianite.
- 63 - 73 Sand -- light olive gray; abundant clay; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; 3% glauconite; some muscovite; some shell fragments; few pieces of lignite; vivianite.
- 73 - 84 As above plus few pebbles; 5% shell fragments; no lignite.
- 84 - 94 Sand and clay -- light olive gray; moderate clay; abundant sand; fine to medium grained, few granules, few pebbles; subangular to subrounded; moderately sorted; quartz; 2% glauconite; 2% shell fragments; some lignite; muscovite; trace of vivianite.
- 94 - 105 Gravel -- light olive gray; slightly clayey; moderate sand; medium grained to granular; subangular to subrounded; moderately sorted; quartz; feldspar; 3% shell fragments; some glauconite; muscovite.
- 105 - 115 Clay -- light olive gray; slightly sandy; fine to medium grained; subangular to subrounded; moderately well sorted; quartz; some diatoms; some shell fragments; glauconite; forams rare (inc. Nonion).

Depth
(feet)

- 115 - 126 As above except few shell fragments; no Nonion.
- 126 - 136 As above.
- 136 - 147 As above except moderate sand; few echinoid spines.
- 147 - 157 Clay - light olive gray; moderate sand; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; some glauconite; some echinoid spines; few diatoms; muscovite; forams rare (inc. Robulus).
- 157 - 168 Sand - olive light gray; moderate clay - olive light gray, light olive gray; medium to coarse grained, 3% granules; subangular to subrounded; moderately sorted; quartz; 7% shell fragments; 2% black phosphatic material; some glauconite; few flakes of muscovite.
- 168 - 178 Sand - yellowish gray; slightly clayey; fine to coarse grained, some granules, 2% pebbles; subangular to subrounded; poorly sorted; quartz; 5% sandy limestone and shell fragments; some glauconite; some black phosphatic material; few flakes of muscovite.
- 178 - 189 Sand - light olive gray; slightly clayey; medium to coarse grained, 5% granules, some pebbles; subangular to subrounded; moderately sorted; quartz; 15% sandy limestone and shell fragments; 10% glauconite; few flakes of muscovite; forams scarce (inc. Robulus and Buccella); ostracode.
- 189 - 199 As above except 7% glauconite; forams rare (inc. Buccella); no ostracode.
- 199 - 207 Clay - yellowish gray; moderate sand; medium to coarse grained, few granules; subangular to subrounded; moderately well sorted; quartz; some shell fragments; some glauconite; few echinoid spines; few black phosphatic fragments; muscovite.

Logged by: Michael T. Currie
April 17, 1979