

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 3828
C#: 186

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 Bowie Mailing Address: Oak Grove, VA

TENANT: Placid Bay Estates #2 Mailing Address: Oak Grove, VA

DRILLER: Hundley Bros, Inc. Mailing Address: Rt. 2
Montross, VA 22520

WELL LOCATION: County Westmoreland Approx. 1 ~~feet~~ miles in (direction) of
Colonial Beach from Oak Grove. 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: 1972 DATE COMPLETED: 1973

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 18 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump

Drawdown 4 feet

Rate 55 gal. per min.

Duration 72 hrs., _____ min.

WATER ZONES: from 220 to 300 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 XX No _____

DRILL CUTTINGS SAVED: 30
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: 12½ inches from 0 to 211 feet

6 inches from 211 to 300 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: 4½ inches from 240 to 250 feet

4½ inches from 250 to 260 feet

_____ inches from _____ to _____ feet

CASE SIZE: 6½ inches from 0 to 211 feet

4½ inches from 211 to 240 feet

4½ inches from 260 to 300 feet

GROUTING: Method pump

Material cement Depth 150 feet

PUMP: Type Red Jacket

Capacity 55 gal. per min

Depth of intake 147 feet

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

INTERVAL SHEET

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Well Repository No: W#: 3828

Date rec'd: 4/19/73 Date Processed: 1/2/74

Sample Interval: from: C#: 186
 to: 0 300

PROPERTY: Placid Bay Estates #2
 (Bowie)

Number of samples: 30

COMPANY: Hundley Bros., Inc.

Total Depth: 300'

COUNTY: Westmoreland
 (Oak Grove)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	250 - 60	-	-
10 - 20	260 - 70	-	-
20 - 30	270 - 80	-	-
30 - 40	280 - 90	-	-
40 - 50	290 - 300	-	-
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	-	-	-

Unwashed only.

OWNER: Placid Bay Estates #2
(Bowie)
DRILLER: Hundley Bros, Inc.
COUNTY: Westmoreland
(Oak Grove)

W#: 3828
C#: 186
TOTAL DEPTH: 300'
QUAD: Col. Beach S.

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 Sand -- grayish orange; medium to coarse grained; subangular to sub-rounded; well sorted; quartz; feldspar; few opaques; glauconite.
- 10 - 20 As above except pale yellowish orange; some opaques.
- 20 - 30 As above except medium grained.
- 30 - 40 Sand -- light grayish orange; very coarse grained; subrounded; well sorted; quartz; feldspar; few flakes of muscovite.
- 40 - 50 Sand -- light grayish orange; medium to very coarse grained; subangular to subrounded; moderately sorted; quartz; feldspar; some opaques.
- 50 - 60 Sand -- light grayish orange; medium grained, some fine grains, some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; some opaques.
- 60 - 70 Sand and granules -- grayish orange; slightly clayey (clasts) - light olive gray; medium to very coarse grained, 50% granules; subangular to subrounded; poorly sorted; quartz; feldspar; few opaques; muscovite.
- 70 - 80 Sand -- light olive gray; moderate clay; fine grained to gravel; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; muscovite.
- 80 - 90 Clay -- yellowish gray; few grains of quartz; few diatoms; few black phosphatic fragments.
- ✓ 90 - 100 Clay -- yellowish gray; some pebbles; some diatoms; few grains of quartz sand; glauconite.
- 100 - 110 As above plus forams rare (inc. Nonion).
- 110 - 120 As above plus abundant very fine to fine grained sand, subangular; well sorted.
- 120 - 130 Clay -- yellowish gray; very diatomaceous.
- 130 - 140 Clay -- yellowish gray; very diatomaceous; 3% glauconite; few grains of quartz.

Depth
(feet)

- 140 - 150 Sand -- olive light gray; slightly clayey; fine grained, few pebbles; subangular to rounded; well sorted; quartz; 15% glauconite; some muscovite; few shell fragments.
- 150 - 160 As above except moderate clay; fine to medium grained; moderately well sorted.
- 160 - 170 As above except 25% glauconite; no pebbles.
- 170 - 180 As above except some shell fragments.
- 180 - 190 As above except 15% glauconite.
- 190 - 200 As above.
- 200 - 210 As above except 20% glauconite.
- 210 - 220 Sand -- olive light gray; fine to medium grained; subangular to rounded; moderately well sorted; quartz; 20% glauconite; 2% shell fragments; some muscovite.
- 220 - 230 Sand -- olive light gray; abundant clay - olive light gray, moderate orange pink (clasts); fine to medium grained, few pebbles; subangular to rounded; moderately well sorted; quartz; 10% glauconite; some muscovite; few shell fragments.
- 230 - 240 Sand -- salt and pepper; medium grained; subangular to rounded; well sorted; quartz; 40% glauconite (black, brown, green); few shell fragments; muscovite; forams scarce (inc. Buccella, Cibicides, and Globulina).
- 240 - 250 As above except 50% glauconite; forams (inc. Robulus and Buccella); no shell fragments.
- 250 - 260 As above except forams scarce (inc. Nodosaria and Robulus).
- 260 - 270 As above except 40% glauconite; forams rare (inc. Nodosaria).
- 270 - 280 As above except no forams.
- 280 - 290 As above plus few shell fragments.
- 290 - 300 As above

NOTE: All samples are unwashed.

Logged by: Michael T. Currie
April 24, 1979