

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2729

C- 170

MAILING ADDRESS:

B. 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

OWNER: M. W. Vejnar Mailing Address: Yale, Virginia 23897

TENANT: vejnar's Trailer Court Mailing Address: Rt. #1, Box 110

DRILLER: Mitchell's Well & Pump Company Mailing Address: Col. Hgts., Va. 23834

WELL LOCATION: County Prince George turn left off Rt. #460 E and cross over
Approx. miles (direction) of
bridge that goes over to Rt. #301 S. Bridge is
location of Trailer Court on Rt. and feet Rt. #156; just off Rt. #156 to right is
 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: June 1969 DATE COMPLETED: June 1969

TYPE OF DRILL RIG USED: Cable tool TOTAL DEPTH 223 feet

WATER LEVEL: Stands 55 feet below surface OR

has NATURAL flow of gallons per minute.

YIELD TEST: Method pumped

Drawdown 75 feet

W. pumped at Rate 120 gal. per min.

Duration 23 hrs., 0 min.

WATER ZONES: from to feet

from to feet

from to feet

WATER: Color clear Taste good

Odor none Temp. °F

WELL TO SUPPLY: (check one) Home

Farm Town School

Industry Other trailer court

WATER ANALYSIS AVAILABLE: Yes No

DRILL CUTTINGS SAVED: Yes 22 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: CC: State Health Department & Prince George County Health Department.

turn left off Rt. #460 E and cross over

Approx. miles (direction) of

feet Rt. #156; just off Rt. #156 to right is

miles (direction) of

HOLE SIZE: 10 inches from 0 to 20 feet

 inches from to feet

 inches from to feet

SCREEN SIZE: 5 inches from 203 to 223 feet
with blank above

 inches from to feet

 inches from to feet

CASE SIZE: 6 inches from 0 to 202 feet

 inches from to feet

 inches from to feet

GROUTING: Method pumped in

Material cement & water Depth 20 feet

PUMP: Type Submersible

Capacity gal. per min

Depth of intake feet

LOG

FURNISHED BY: _____

DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	10	Red mud	
10	20	Red mud and sand	
20	30	Ditto	
30	40	Red mud and clay	
40	50	Red mud	
50	60	Mud, sand and shell	
60	70	Mud, clay and shell	
70	80	Ditto	
80	90	Marl and shells	
90	100	Ditto	
100	110	Blue Clay	
110	120	Mud, sand and gravel	
120	130	Sand and gravel	
130	140	White sand	
140	150	Sand	
150	160	White sand and gravel	
160	170	Ditto	
170	180	Ditto	
180	190	Sand and gravel	
190	200	Sand and gravel	
200	210	Ditto	
210	223	Ditto	
<p>Samples retained at our office for pickup by personnel of Division of Mineral Resources, Charlottesville, Virginia.</p>			

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

INTERVAL SHEET

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Well Repository No: W-2729
C- 170

Date rec'd: 1/20/70 Date Processed: 1/26/70

Sample Interval: from: 0 to: 223'

PROPERTY: M. W. Vejnar
Vejnar Trailer Court
COMPANY: Mitchell's Well & Pump Co.

Number of samples: 22

Total Depth: 223'

COUNTY: Prince George (New Bohemia)

Oil or Gas: Water Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
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 - 223	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: M. W. Vejnar
Vejnar Trailer Court
DRILLER: Mitchell's
COUNTY: Prince George

W#: 2729
C#: 170
TOTAL DEPTH: 223'

GEOLOGIC LOG

Depth (feet)

MOORINGS "UNIT" (0-40')

- 0-10 Clay and sand — grayish orange; abundant clay; moderate sand; very fine to medium grained; subangular to subrounded; moderately well sorted; quartz; few opaques.
- 10-20 Sand — dark yellowish orange and dark brownish red; slightly clayey; heavily stained; medium to very coarse grained, some granules; subrounded; moderately sorted; quartz; feldspar; few opaques.
- 20-30 As above except moderate clay; medium grained to granular with some fine grains, 15% pebbles; poorly sorted.
- 30-40 Sand — pale yellowish orange; abundant clay; fine to medium grained with some coarse grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; few shell fragments.

CALVERT FORMATION (40-110')

- 40-50 Clay — yellowish gray, yellow, and red; abundant sand; fine to medium grained with some coarse grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; some black phosphatic material; few grains of glauconite.
- 50-60 Sand — light olive gray; abundant clay — gray, red; fine to coarse grained; subangular to subrounded; moderately sorted; quartz; 15% shell fragments; spines; forams (inc. Quinqueloculina, Buccella, and Amphistegina).
- 60-70 Clay — medium light gray; 10% shell fragments; few grains of glauconite; forams rare (inc. Quinqueloculina).
- 70-80 Clay — very light gray; slightly sandy; fine to medium grained; subangular to subrounded; moderately well sorted; 40% reworked shell fragments; quartz; spines; forams (inc. Buccella); ostracode.
- 80-90 As above except light olive gray; 30% shell fragments; Quinqueloculina.
- 90-100 Clay — light olive gray; 15% shell fragments; few black phosphatic fragments.

Depth (feet)

100-110 Clay — light olive gray; slightly sandy; medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; few grains of glauconite; few black phosphatic fragments; few shell fragments.

PATUXENT FORMATION (110-223')

110-120 Sand — off white; slightly clayey; medium grained to granular, some pebbles; subrounded; moderately sorted; quartz; feldspar; few grains of garnet.

120-130 As above except no pebbles.

130-140 Sand — white; slightly clayey; medium to coarse grained; subangular to subrounded; moderately well sorted; quartz; feldspar.

140-150 Sand — white; slightly clayey; medium to very coarse grained, few granules; subangular to subrounded; moderately sorted; quartz; feldspar.

150-160 As above except coarse to very coarse grained; moderately well sorted.

160-170 As above plus some medium grains; few pebbles.

170-180 Sand — white; moderate clay; medium to very coarse grained, 15% granules; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of garnet.

180-190 Sand — off white; moderate clay; coarse grained to granular, some pebbles; subrounded; moderately sorted; quartz; feldspar; garnet.

190-200 As above except 10% pebbles.

200-210 Sand — very light gray; moderate clay; coarse grained to granular, 50% granules, some pebbles; subrounded; moderately sorted; quartz; feldspar.

210-223 Sand — white; medium to coarse grained with some fine grains; subangular to subrounded; moderately sorted; quartz; feldspar; few grains of garnet.

Logged by: Michael T. Currie

GEOLOGIC SUMMARY

Thickness
(feet)
40
70
113+

ROCK UNIT
Moorings "Unit"
Calvert Formation
Patuxent Formation

TIME ROCK UNIT
Pleistocene
Miocene-Eocene
Cretaceous