

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS: 3667
Charlottesville, VA 22903
DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: East Side Corporation Mailing Address: _____

TENANT: Chesapeake & Potomac Telephone Co. #1 Mailing Address: Cedar Fork & Nine Mile Rd.

DRILLER: Atlantic Pump & Equipment Co. Mailing Address: 2102 Decatur St.

WELL LOCATION: County Henrico Approx. 0 ^{feet} ~~xxxx~~ north east (direction): of
Cedar Fork Road and 300 ^{feet} ~~xxxx~~ north (direction) of Nine Mile Road

(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 19, 1970 DATE COMPLETED: July 8, 1970

TYPE OF DRILL RIG USED: Mud Rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 163 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method pump
Drawdown 29 feet
Rate 55.6 gal. per min.
Duration 24 hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 300 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
SCREEN SIZE: 6 inches from 270 to 280 feet

WATER ZONES: from 260 to 300 feet
from _____ to _____ feet
from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 270 feet
Tail Pipe 280 282
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER: Color clear Taste none
Odor none Temp. 58 °F

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other office building

GROUTING: Method pressure
Material concrete Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

PUMP: Type Mini Turbine
Capacity 30 gal. per min.
Depth of intake 200 feet

DRILL CUTTINGS SAVED: Yes (27) 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: _____

LOG

FURNISHED BY: Atlantic Pump and Equip. Co.

DATE: August 5, 1970

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	Brown clay	
0	18	Red sandy clay	
18	30	Fine gray sand	
30	40	Brown sand and gravel	
40	120	Blue clay	
120	145	Light gray sand	
145	163	Red clay	
163	178	Sea shell & sand	
178	247	Green sand & gravel	
247	300	Sand & gravel, blue streaks of clay	

(Use additional forms if necessary)

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

INTERVAL SHEET

W# 3131
C# 202

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Well Repository No:

Date rec'd: 2/16/71 Date Processed: 4/9/71

Sample Interval: from 0 to: 300

PROPERTY: C & P Telephone

Number of samples: 30

COMPANY: Atlantic Pump & Equipment Co.

Total Depth: 300'

COUNTY: Henrico (Highland Springs)

~~Oil or Gas~~ Water: ~~Exploratory~~

From-To	From-To	From-To	From-To
0 - 10	250 - 260	-	-
10 - 20	260 - 270	-	-
20 - 30	270 - 280	-	-
30 - 40	280 - 290	-	-
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	-	-	-

All intervals have both washed and unwashed samples.

Owner: East Side Corporation
Driller: (C & P Telephone)
County: Atlantic Pump & Equipment
Henrico
(Highland Springs)

W# 3131
C# 202
Total depth: 300'
Quad: Seyen Pines

Depth
(feet)

GEOLOGIC LOG

- 0-10 Sand yellowish gray; abundant clay; fine to coarse grained, some granules; few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 2% glauconite; few opaques; muscovite; few grains of garnet.
- 10-20 As above except moderate clay; no pebbles.
- 20-30 As above except 3% glauconite; some opaques.
- 30-40 As above plus few shell fragments; no opaques.
- 40-50 As above.
- 50-60 Sand - dusky yellow; moderate clay - dusky yellow, moderate orange pink (clasts); fine to very coarse grained, some granules, few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 2% glauconite; muscovite; few grains of garnet.
- 60-70 As above plus some very fine grains; 3% glauconite.
- 70-80 As above.
- 80-90 Sand - dusky yellow; moderate clay; fine to medium grained, some very fine grains, some coarse grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; 2% glauconite; muscovite.
- 90-100 Sand - dusky yellow; moderate clay; fine to coarse grained, some granules, 5% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 2% glauconite; some muscovite.
- 100-110 As above plus some moderate orange pink clay clasts; 10% pebbles; 3% glauconite.
- 110-120 Sand - dusky yellow; moderate clay; very fine to coarse grained, some granules, few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 2% glauconite; muscovite; few grains of garnet.
- 120-130 As above except abundant clay; some pebbles.
- 130-140 As above except moderate clay; 3% glauconite.
- 140-150 As above except fine to very coarse grained, 10% granules, some pebbles.
- 150-160 As above plus some grayish pink clay clasts; black phosphatic fragment.

Depth
(feet)

- 160-170 Sand - dusky yellow; abundant clay; fine to very coarse grained, some very fine grains, 10% granules, few pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; 2% glauconite; muscovite; few grains of garnet.
- 170-180 As above except moderate clay; 5% granules; 3% glauconite.
- 180-190 Sand - dusky yellow; abundant clay; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; 3% glauconite; muscovite.
- 190-200 As above except 5% granules, few pebbles; poorly sorted.
- 200-210 As above except 2% glauconite.
- 210-220 Sand - yellowish gray; abundant clay; fine to very coarse grained, 10% granules, 5% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; some glauconite; muscovite; few grains of garnet.
- 220-230 As above except moderate clay; fine grained to gravel (25%).
- 230-240 As above.
- 240-250 As above.
- 250-260 Sand - yellowish gray; abundant clay; medium grained to granular, some fine grains, 7% pebbles; subangular to subrounded, poorly sorted; quartz; feldspar; few grains of glauconite; muscovite; garnet.
- 260-270 Sand - yellowish gray; moderate clay; fine to coarse grained, some granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; some glauconite; muscovite.
- 270-280 Sand - yellowish gray; moderate clay; medium grained to granules, some fine grains, 10% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; some glauconite; few grains of garnet.
- 280-290 Granules and gravel - yellowish gray; slightly clayey; abundant coarse grained sand; subrounded; moderately sorted; quartz; feldspar; few grains of garnet.
- 290-300 Sand - yellowish gray; moderate clay; medium grained to granular, some fine grains, 10% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few grains of glauconite; muscovite.

Logged by: Michael T. Currie