

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 2655

C#: 128

MAILING ADDRESS:

B 3667

C Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

WATER WELL COMPLETION REPORT

OFFICE ADDRESS:

McCormick Road

Charlottesville, Virginia

OWNER: Beechwood Developing Corporation Mailing Address: P. O. Box 9512, Richmond, Va.

TENANT: Beechwood Farms Well #4 Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: 1305 Brook Road, Richmond, Va.

WELL LOCATION: County Hanover Approx. 1/2 ^{mile} miles north (direction) of
Beechwood Drive and 1/4 ^{mile} miles west (direction) of Atlee 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: 6/26/69 DATE COMPLETED: 7/11/69

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 310 feet

WATER LEVEL: Stands 21 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible pump

Drawdown 110 feet

Rate 61 gal. per min.

Duration 10 hrs., _____ min.

HOLE SIZE: 10 3/4 inches from 0 to 100 feet

6 inches from 100 to 310 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from 135 to 290 feet

from _____ to _____ feet

from _____ to _____ feet

CASE SIZE: 6 inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color clear Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Subdivision

GROUTING: Method Pressure

Material cement & water Depth 100 feet

PUMP: Type _____

Capacity _____ gal per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes X No _____

DRILL CUTTINGS SAVED: 34 Yes X 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: Sydnor Hydrodynamics, Inc.

DATE: 7/15/69

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	5	Sandy clay	
5	15	Sand	
15	45	Gray clay	
45	80	Gray sand	
80	135	Soft gray and pink granite	2 gpm
135	280	Pink and gray granite streaks	30 gpm
280	290	Pink granite	50 gpm
290	310	Gray granite	

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

INTERVAL SHEET

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 Date rec'd: 8/22/69 Date Processed:
 PROPERTY: Beechwood Farms #4
 COMPANY: Sydnor Hydrodynamics, Inc.
 COUNTY: Hanover (Poindexter)

W#: 2655
 Well Repository No: C#: 128
 Sample Interval: from:0 to: 310
 Number of samples: 26
 Total Depth: 310'
 Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	250 - 260	-	-
10 - 20	260 - 270	-	-
20 - 30	-	-	-
-	280 - 290	-	-
40 - 50	290 - 300	-	-
-	300 - 310	-	-
60 - 70	-	-	-
-	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
-	-	-	-
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. Threw away 8 — couldn't identify depth intervals.

OWNER: Beechwood Farms #4
DRILLER: Sydnor Hydrodynamics
COUNTY: Hanover

W#: 2655
C#: 128
TOTAL DEPTH: 310'
QUAD: Yellow Tavern

GEOLOGIC LOG

Depth
(feet)

- 0-10 Sand — grayish orange; coarse grained to granular, some pebbles; angular to subangular; moderately sorted; quartz; feldspar; few flakes of muscovite; biotite. (Sample appears to have been transported from a pegmatitic granite.)
- 10-20 Sand — light olive gray; abundant clay; fine to coarse grained, some granules, some pebbles; subangular to subrounded; poorly sorted; quartz; feldspar (granules and pebbles); some black phosphatic material; some fragments of ferricrete; few flakes of muscovite.
- 20-30 Sand — off-white; slightly clayey; coarse grained to granular; subangular to subrounded; moderately sorted; quartz; feldspar; few flakes of biotite.
- 30-40 No sample.
- 40-50 Sand — off-white; slightly clayey; coarse to very coarse grained, some medium grains, few granules; subangular to subrounded; moderately well sorted; quartz; feldspar; few flakes of biotite; muscovite.
- 50-60 No sample.
- 60-70 Granite (weathered) — medium light gray; slightly clayey; quartz; feldspar; 3% slightly weathered biotite; few flakes of muscovite.
- 70-80 No sample.
- 80-90 Granite (slightly weathered) — light olive gray; slightly clayey; quartz; feldspar; 25% biotite; few flakes of muscovite; few grains of pyrite.
- 90-100 As above except 30% biotite.
- 100-110 Granite (slightly weathered) — medium light gray; equigranular; quartz; feldspar; 30% biotite; few grains of pyrite.
- 110-120 Granite (weathered) — very light gray, grayish orange pink; slightly clayey; quartz; feldspar; 20% biotite; some muscovite.

Depth
(feet)

120-130	Granite (slightly weathered) — medium light gray, very light gray; quartz; feldspar; 25% biotite; few flakes of muscovite.
130-140	As above plus few grains of garnet.
140-150	As above.
150-160	No sample.
160-170	Granite — moderate orange pink, medium light gray; quartz; feldspar; 5% biotite; some muscovite.
170-180	Granite — light gray, black, moderate orange pink; quartz; feldspar; 10% biotite; some muscovite; few grains of pyrite; garnet.
180-190	Granite — grayish pink; quartz; feldspar; 5% biotite; some muscovite.
190-200	Granite — light gray, black, light orange pink; quartz; feldspar; 20% biotite; few flakes of muscovite.
200-210	Granite — salt and pepper; quartz; feldspar; 35% biotite; few flakes of muscovite; few grains of pyrite.
210-220	Granite — moderate orange pink, black, medium light gray; equigranular; quartz; feldspar; 30% biotite; few flakes of muscovite.
220-230	As above except 5% biotite; 2% muscovite; few grains of pyrite; garnet.
230-240	Granite — grayish orange pink, black; quartz; feldspar; 7% biotite; some muscovite; few grains of garnet.
240-250	As above except 10% biotite.
250-260	Granite — grayish orange pink, black; quartz; feldspar; 15% biotite; some muscovite; some garnet; few grains of pyrite.
260-270	Granite — salt and pepper; quartz; feldspar; 15% biotite; 3% muscovite; few grains of garnet.
270-280	No sample.
280-290	Granite — off-white, black; quartz; feldspar; 7% biotite; 2% muscovite; some garnet; few grains of pyrite.

OWNER: Beechwood Farms #4

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W#: 2655

Depth
(feet)

290-300	Granite — salt and pepper; quartz; feldspar; 25% biotite; some garnet; few grains of pyrite.
300-310	Granite — salt and pepper; quartz; feldspar; 35% biotite; few flakes of muscovite.

Logged by: Michael T. Currie
January 5, 1979