

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 2890
C#: 130

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: Evans Products Co. Well # 1 Mailing Address: 1129 Floyd Ave., Richmond, VA 2322

TENANT: Evans Products Co. Mailing Address: _____

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

WELL LOCATION: County Hanover Approx. 75 ~~xxxxx~~ miles east (direction) of

U.S. Hwy. 1 and 1/2 ~~xxxxx~~ miles south (direction) of North Anna River

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 9/19/69 DATE COMPLETED: 9/29/69

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 312 feet

WATER LEVEL: Stands 27'4" feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Submersible pump
Drawdown 33 feet
Rate 50 gal. per min.
Duration 10 hrs., _____ min.

HOLE SIZE: 9-7/8 inches from 0 to 52 feet
6 inches from 52 to 312 feet
_____ inches from _____ to _____ feet
SCREEN SIZE: _____ inches from _____ to _____ feet

WATER ZONES: from 70 to _____ feet
from 80 to 87 feet
from 250 to 252 feet

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
CASE SIZE: 6 inches from +2 to 52 feet

WATER: Color Clear Taste _____
Odor None Temp. _____ °F

_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure
Material Cement & Water Depth 52 feet

WATER ANALYSIS AVAILABLE: Yes X No _____

PUMP: Type _____
Capacity _____ gal per min
Depth of intake _____ feet

DRILL CUTTINGS SAVED: 31 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: _____

WB: 2890
 CH: 130

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 9/29/69

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	1	Top Soil	
1	15	Red Clay	
15	20	Sand	
20	37	Sand - Gravel	
37	72	Soft Sandstone (70') (20 gpm) Total	
72	80	Soft Brown Sandstone	
80	87	Soft Seamy Brown Rock (40 gpm) Total	
87	250	Soft Sandstone	
250	252	Soft Seams and Water (60 gpm) Total	
252	312	Soft Sand Stone	

(Use additional forms if necessary)

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: W# 2890

C# 130

Date rec'd: 10/6/69 Date Processed: 7/20/70

Sample Interval: from: 0 to: 312

PROPERTY: Evans Products Co.
 (Well #1)

Number of samples: 31

COMPANY: Sydnor Hydrodynamics, Inc.

Total Depth: 312'

COUNTY: Hanover
 (Doswell)

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	300 - 312	-	-
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: Evans Products Co. #1
DRILLER: Sydnor Hydrodynamics
COUNTY: Hanover

W# 2890
C# 130
TOTAL DEPTH: 312'
QUAD: Ruther Glen

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 Sand -- very dark yellowish orange; slightly clayey; medium to very coarse grained, some fine grains, 5% granules, some pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; few flakes of muscovite.
- 10 - 20 Sand -- dark yellowish orange; slightly clayey; coarse grained to gravel, some medium grains; subangular to subrounded; poorly sorted; quartz; feldspar; few opaques; few grains of garnet; muscovite.
- 20 - 30 Sand -- moderate yellowish brown, medium grained to granular, some pebbles; subangular to subrounded; poorly sorted; quartz, feldspar some garnet; some yellowish green apatite; few grains of hornblende; muscovite.
- 30 - 40 Granules -- pale yellowish brown; some very coarse grains; angular to subrounded; well sorted; quartz; feldspar; 10% ferruginous subgraywacke to subarkose; few grains of garnet; muscovite.
- 40 - 50 Subgraywacke to subarkose -- pale brown; ferruginous cement; quartz; white potassic feldspar; some biotite; few flakes of muscovite; garnet; apatite.
- 50 - 60 As above plus pink microcline; few flakes of chlorite.
- 60 - 70 As above plus few grains of hornblende.
- 70 - 80 As above except no hornblende.
- 80 - 90 As above plus some greenish gray subgraywacke to subarkose fragments; few grains of pyrite; few tourmaline crystals.
- 90 - 100 Subgraywacke to subarkose -- pale brown, greenish gray; 50% subrounded to rounded quartz and feldspar gravel; quartz; white potassic feldspar; pink microcline; some biotite; muscovite; few grains of garnet; hornblende.
- 100 - 110 Subgraywacke to subarkose -- moderate brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some biotite; muscovite; few grains of apatite; garnet; pyrite.

Depth
(feet)

110 - 120 Subgraywacke to subarkose -- pale brown; ferruginous cement; quartz; white potassic feldspar; some apatite; biotite, muscovite; few grains of garnet.

120 - 130 As above.

130 - 140 As above except few grains of apatite.

140 - 150 As above except moderate brown.

150 - 160 As above except pale brown; some pink microcline.

160 - 170 Subgraywacke to subarkose -- moderate brown; ferruginous cement; quartz; pink microcline; some biotite; muscovite; apatite; few grains of garnet; few flakes of chlorite.

170 - 180 As above.

180 - 190 As above.

190 - 200 As above except no chlorite.

200 - 210 As above plus few grains of pyrite.

210 - 220 As above.

220 - 230 Subgraywacke to subarkose -- moderate brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some biotite; apatite; muscovite; few flakes of chlorite.

230 - 240 As above plus few grains of garnet.

240 - 250 As above.

250 - 260 As above.

260 - 270 As above.

270 - 280 As above plus few grains of pyrite.

280 - 290 As above except no chlorite.

290 - 300 As above except no pyrite.

300 - 312 As above.

Logged by: Michael T. Currie
January 8, 1979

GEOLOGIC SUMMARY

<u>Depth</u> <u>(feet)</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0 - 20	20	Patuxent Formation	Cretaceous
20 - 312	292	Newark Group	Triassic

VIRGINIA DIVISION OF MINERAL RESOURCES
David A. Hubbard, Jr., Geologist
January 12, 1979