

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 2889
C#: 131

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

97330

OWNER: Evans Products Company #2 Mailing Address: P.O. Box "E" - Corvallis, Oregon

TENANT: Evans Products Company Mailing Address: _____

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

WELL LOCATION: County Hanover Approx. 1/2 ~~miles~~ ^{feet} south (direction) of
North Anna River and 900 ~~miles~~ ^{feet} east (direction) of U.S. Hwy. 1

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

DATE STARTED: 9/29/69 DATE COMPLETED: 10/3/69

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 250 feet

WATER LEVEL: Stands 18 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air Lift
Drawdown _____ feet
Rate 7 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9-7/8 inches from 0 to 50 feet
6 inches from 50 to 250 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

WATER ZONES: from 60 to 62 feet
from 155 to 170 feet
from _____ to _____ feet

CASE SIZE: 6 inches from + 2 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method Pressure
Material Cement & Water Depth 50 feet

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

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

WATER ANALYSIS AVAILABLE: Yes _____ No XX

DRILL CUTTINGS SAVED: 25 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: _____

LOG

FURNISHED BY: Sydnor Hydrodynamics, Inc.

DATE: 10/6/69

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
		Well #2	
0	1	Top soil	
1	15	Red clay	
15	30	Sand	
30	34	Brown clay	
34	60	Brown sandstone	
60	62	Soft brown sandstone (Water 2 gpm)	
62	155	Brown sandstone	
155	170	Blue shale (Water increased to 7 gpm)	
170	250	Brown sandstone	

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: W#: 2889
 C#: 131

Date rec'd: 10/20/69 Date Processed: 7/21/70

Sample Interval: from: 0 to: 250

PROPERTY: Evans Products Co.
 (Well #2)

Number of samples: 25

COMPANY: Sydnor Hydrodynamics, Inc.

Total Depth: 250'

COUNTY: Hanover (Doswell)

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 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-

All intervals have both washed and unwashed samples

OWNER: Evans Products Co. #2
DRILLER: Sydnor Hydrodynamics
COUNTY: Hanover

W#: 2889
C#: 131
TOTAL DEPTH: 250'
QUAD.: Ruther Glen

GEOLOGIC LOG

Depth
(feet)

- 0-10 Sand — off white; coarse to very coarse grained, 5% granules; subrounded; moderately well sorted; quartz; feldspar.
- 10-20 Sand — grayish orange; coarse grained to granular; subrounded; moderately sorted; quartz; feldspar.
- 20-30 Subgraywacke to subarkose (weathered) — pale yellowish brown; ferruginous cement; slightly clayey; quartz; feldspar; some biotite; some muscovite; some apatite; some fine-grained, rounded iron oxide concretions; few grains of garnet; pyrite.
- 30-40 Subgraywacke to subarkose (slightly weathered) — pale brown; ferruginous cement; slightly clayey; quartz; white potassic feldspar; pink microcline; some iron oxide concretions; some biotite; some garnet; few grains of apatite; muscovite; chlorite.
- 40-50 Arkose (slightly weathered) — very pale brown, greenish gray; quartz; pink microcline; white potassic feldspar; some ferruginous subgraywacke to subarkose fragments; some apatite; biotite; few grains of garnet; muscovite; pyrite.
- 50-60 Subgraywacke to subarkose — pale brown; ferruginous cement; slightly clayey; quartz; white potassic feldspar; some apatite; few flakes of muscovite; few siltstone fragments; garnet; biotite.
- 60-70 Subgraywacke to subarkose — pale brown, moderate brown; ferruginous cement; quartz; pink microcline; some siltstone fragments; some muscovite; apatite; few grains of garnet; biotite.
- 70-80 As above plus some white potassic feldspar.
- 80-90 As above except 2% muscovite.
- 90-100 As above.
- 100-110 Subgraywacke to subarkose — pale brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some apatite; biotite; few siltstone fragments; few flakes of muscovite.
- 110-120 As above plus few grains of garnet.
- 120-130 As above.

- 130-140 As above plus few tourmaline crystals.
- 140-150 As above plus few grains of pyrite; no tourmaline.
- 150-160 As above except slightly clayey; few flakes of biotite.
- 160-170 Subgraywacke to subarkose — medium gray, pale brown; quartz; pink microcline; some granite fragments; some white potassic feldspar; some apatite; few flakes of biotite; muscovite; garnet; few grains of sodic plagioclase.
- 170-180 As above plus few siltstone fragments.
- 180-190 As above plus few flakes of chlorite; no plagioclase.
- 190-200 Subgraywacke to subarkose — pale brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some apatite; some biotite; few flakes of muscovite; garnet; few small octahedral magnetite crystals.
- 200-210 As above plus few grains of pyrite; no magnetite
- 210-220 As above.
- 220-230 As above.
- 230-240 As above.
- 240-250 As above plus few fragments of granite.

Logged by: Michael T. Currie
January 9, 1979

OWNER: Evans Products Co. #2

-3-

W#: 2889

GEOLOGIC SUMMARY

<u>Depth (feet)</u>	<u>Thickness (feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-20	20	Patuxent Furmatwin	Cretaceous
20-250	230	Newark Group	Triassic

Virginia Division of Mineral Resources
David A. Hubbard, Jr., Geologist
January 12, 1979