# COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 2887 C#: 132

MAILING ADDRESS:

RFMARKS:\_\_\_\_

DIVISION OF MINERAL RESOURCES OFFICE ADDRESS: JAMES L. CALVER, COMMISSIONER Box 3667 McCormick Road COMPLETION REPORT Charlottesville, VA 22903 WATFR WELL Charlottesville, Virginia P.O. Box "E" Evans Products, Inc. #3 Mailing Address: Corvallis, Oregon 97330 TENANT: \_\_\_ Evans Products, Inc. Mailing Address: Doswell, Virginia DRILLER: Sydnor Hydrodynamics Mailing Address: 1305 Brook Road, Richmond, Virginia WELL LOCATION County Hanover Approx 100 XXXX feet ea (direction) of feet U.S. Hwy. #1 and 50 MARK 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 COMPLETED: 10/7/69 DATE STARTED: 10/6/69 TOTAL DEPTH 145 feet TYPE OF DRILL RIG USED: rotary WATER LEVEL: Stands 32 feet below surface OR has NATURAL flow of\_\_\_\_\_gallons per minute. HOLE SIZE: 10 inches from 0 to 20 feet YIELD TEST: Method submersible pump Drawdown \_\_\_\_\_\_ feet 6 inches from 20 to 145 feet \_\_inches from \_\_\_\_\_to \_\_\_\_feet Rate \_\_\_\_\_\_ gal. per min. Duration 10 hrs., min. SCREEN SIZE:\_\_\_\_inches from \_\_\_\_\_to \_\_\_ WATER ZONES: from 50 to 55 feet \_\_\_\_\_inches from \_\_\_\_\_to \_\_\_\_feet from 103 to 109 feet \_\_\_\_inches from \_\_\_\_to\_\_\_feet from \_\_\_\_\_\_to\_\_\_\_feet CASE SIZE: 6 inches from +2 to 20 feet \_\_\_\_inches from\_\_\_\_to\_\_\_feet WATER: Color \_\_\_\_\_Taste\_\_\_ \_\_\_\_inches from \_\_\_\_to\_\_\_feet GROUTING: Method gravity WELL TO SUPPLY: (check one) Home \_\_\_\_\_ Farm \_\_\_\_\_ Town \_\_\_\_ School \_\_\_\_ Material cement-waterth 20 feet Industry\_X\_\_Other\_\_\_ PUMP: Туре \_\_\_\_\_ WATER ANALYSIS AVAILABLE:Yes X No \_\_\_\_\_ \_\_\_\_ gal, per min Capacity\_\_\_\_ 15 Yes\_x\_No\_\_\_\_ DRILL CUTTINGS SAVED: Depth of intake \_\_\_ (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.)

SE. VINIBBIA LOCITY SMNOWWOO

FURNISHED BY: Sydnor Hydrodynamics, Inc. DATE: 10/13/69

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETS	RATED REMARKS
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13	50	Sandy clay Brown sandy clay	RILLER Sydnor Hydrodynamics
50 55 103	55 103 4 109	Soft sandstone - water Sandstone	ELL COCATION Family Manover
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# VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

#### INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 2887

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

Sample Interval: from 0 to: 145

PROPERTY: Evans Products Company (Well #3)

Number of samples: 13

COMPANY: Sydnor Hydrodynamics, Incorporated

Total Depth: 145'

COUNTY: Hanover

Oil or Gas: Water: x Exploratory:

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OWNER: Evans Products Co. #3
DRILLER: Sydnor Hydrodyamics

COUNTY: Hanover

W#: 2887 C#:132

TOTAL DEPTH: 145' QUAD: Ruther Glen

### GEOLOGIC LOG

## Depth (feet)

- 0-10 Subgraywacke moderate brown; ferruginous cement; slightly clayey; quartz; 15% subrounded to rounded, coarse grained to gravel sized quartz and feldspar; grains; some white potassic feldspar; few flakes of biotite; muscovite; few grains of apatite.
- 10-20 Subgraywacke to subarkose pale brown ferruginous cement; quartz; white potassic feldspar; some muscovite; biotite; few siltstone fragments; apatite; few grains of pyrite.
- 20-30 Arkose pale brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some muscovite; few siltstone fragments; biotite; few fine grained, rounded iron oxide concretions; few grains of garnet.
- 30-40 Subgraywacke to subraywacke pale brown; ferruginous cement; quartz; white potassic feldspar; some biotite; some muscovite; few grains of garnet.
- 40-50 Arkose very pale brown; quartz; white potassic feldspar; pink microcline; some biotite; few grains of apatite; few fragments of ferruginous siltstone; garnet.
- 50-60 No sample
- 60-70 Subraywacke to subarkose pale brown ferruginous cement; quartz; white potassic feldspar; some biotite; some apatite; muscovite; few grains of garnet; pyrite
- 70-80 As above plus some pink microcline; few ferruginous siltstone fragments.
- 80-90 As above
- 90-100 Subgraywacke to subarkose moderate brown ferruginous cement; quartz; pink microcline; white potassic feldspar; some apatite; biotite; few flakes of muscovite; garnet; few grains of pyrite.
- 100-110 Subgraywacke to subarkose pale brown, moderate brown; ferruginous cement; quartz; pink microcline; white potassic feldspar; some apatite; few flakes of biotite; muscovite; few grains of pyrite.
- 110-120 Subgraywacke to subarkose very pale brown, medium gray; ferruginous cement; quartz; white potassic feldspar; pink microcline; some biotite; some apatite; some fragments of granite; few grains of garnet; pyrite.

OWNER: DRILLER:

COUNTY:

Evans Products Co. #3

Sydnor Hydrodyamics

Hanover

W#: 2887

C#: 132

TOTAL DEPTH: 145'

## GEOLOGIC LOG

Depth (feet)

120-130 No sample

130-140 As above plus few siltstone fragments.

140-145 Subgraywacke to subarkose — moderate brown, medium dark gray, light gray; quartz; white potassic feldspar; pink microcline; some biotite; some garnet; some apatite; some pyrite; few flakes of muscovite.

Logged by: Michael T. Currie January 9, 1979

OWNER: Evans Products Co.

W#: 2887

## GEOLOGIC SUMMARY

Depth feet	Thickness (feet)	Rock Unit	Time Rock Unit
0-145	145	Newark Group	Triassic

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