

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 2887
C#: 132

MAILING ADDRESS:

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DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

P.O. Box "E"

OWNER: 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} ~~miles~~ ^{east} (direction) of
U.S. Hwy. #1 and 50 ~~XXXX~~ ^{feet} ~~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: 10/6/69 DATE COMPLETED: 10/7/69

TYPE OF DRILL RIG USED: rotary TOTAL DEPTH 145 feet

WATER LEVEL: Stands 32 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method submersible pump
Drawdown 28 feet
Rate 118 gal. per min.
Duration 10 hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 20 feet
6 inches from 20 to 145 feet

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

WATER ZONES: from 50 to 55 feet
from 103 to 109 feet
from _____ to _____ feet

CASE SIZE: 6 inches from +2 to 20 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

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

GROUTING: Method gravity
Material cement-water Depth 20 feet

WATER ANALYSIS AVAILABLE: Yes X No _____

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

DRILL CUTTINGS SAVED: 15 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: _____

OWNER: Evans Products Co. #3
DRILLER: Sydnor Hydrodynamics
COUNTY: Hanover

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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.

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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.

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GEOLOGIC SUMMARY

<u>Depth</u> <u>feet</u>	<u>Thickness</u> <u>(feet)</u>	<u>Rock Unit</u>	<u>Time Rock Unit</u>
0-145	145	Newark Group	Triassic

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