

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2400
C- 186

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

Box 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: E. A. Proehl Mailing Address: 1003 Hardy Rd. Vinton, Va.

TENANT: _____ Mailing Address: _____

DRILLER: Moore Well Drilling, Inc. Mailing Address: Box 97, Rustburg, Virginia

WELL LOCATION: County Bedford Approx. 1 3/4 ~~feet~~ miles northwest (direction) of
of Moneta and 75 ~~miles~~ ^{feet} west (direction) of St. Rd. 793

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

DATE STARTED: 4/22/68 DATE COMPLETED: 4/23/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 146 feet

WATER LEVEL: Stands 80 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown _____ feet

Rate 5 gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 76 feet

6 inches from 76 to 146 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 76 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home X

Farm _____ Town _____ School _____

Industry _____ Other _____

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes 7 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: E. A. Proehl
DRILLER: Moore Well Drilling, Inc.
COUNTY: Bedford (Moneta)

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TOTAL DEPTH-146'

GEOLOGIC LOG

Depth
in feet

0-76	Saprolite — brown, weathered and iron-oxide stained, fine grained fragments of quartz, clay, feldspar and mica
76-93	Biotite gneiss — gray, fine to medium grained, foliated, very micaceous to slightly micaceous; feldspar, quartz and biotite
93	" light gray; decrease in amount of biotite
93-103	"
103-107	Hornblende gneiss — dark gray, fine to medium grained, foliated; feldspar, quartz and hornblende
107-137	Biotite gneiss — gray, fine grained, foliated, micaceous; feldspar, quartz, biotite and trace of pink garnet
137-146	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-76'	Saprolite	—
76-146'	Moneta Gneiss (?)	Precambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
January 17, 1969