

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2388
C- 183

MAILING ADDRESS:
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Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: N. E. McDowell Mailing Address: Rt. 1, Vinton, Virginia

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Bedford Approx. 1 1/4 ~~xxx~~ miles east (direction) of
Montvale and 50 ~~xxxx~~ ^{feet} north (direction) of U.S. Hwy. 460

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

DATE STARTED: 4/18/68 DATE COMPLETED: 4/19/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 199 feet

WATER LEVEL: Stands 70 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 100 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 148 feet
6 inches from 148 to 199 feet
_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

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

WATER: Color _____ Taste _____
Odor _____ Temp. _____ °F

CASE SIZE: 6 1/4 inches from 0 to 148 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method _____
Material _____ Depth _____ feet

WATER ANALYSIS AVAILABLE: Yes _____ No
DRILL CUTTINGS SAVED: Yes 3 No _____

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

(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: Overburden - rested boulders.

OWNER: N. E. McDowell
DRILLER: Moore Well Drilling, Inc.
COUNTY: Bedford (Montvale)

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TOTAL DEPTH - 199'

GEOLOGIC LOG

Depth
in feet

0-148	No samples
148-160	Siltstone → violet to gray; very fine grained silt and clay, laminated bedding, very poorly fissile, quartzose
160-164	"
164-199	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-148'	No samples	—
148-199'	Rome Formation	Middle Cambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
January 16, 1969