

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2391
C- 78

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

OWNER: Raymond V. Shanks Mailing Address: Natural Bridge Sta., Virginia

TENANT: _____ Mailing Address: _____

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

WELL LOCATION: County Rockbridge Approx. 100 ^{feet}/_{miles} southwest (direction) of
intersection of St. Rt. 130 and _____ ^{feet}/_{miles} (direction) of St. Rd. 708

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

DATE STARTED: 5/2/68 DATE COMPLETED: 5/2/68

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 200 feet

WATER LEVEL: Stands 35 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift

Drawdown _____ feet

Rate 1 gal. per min.

Duration _____ hrs., _____ min.

HOLE SIZE: 9 inches from 0 to 10 feet

6 inches from 10 to 200 feet

_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 1/4 inches from 0 to 10 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

WATER ZONES: from _____ to _____ feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home

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

DRILL CUTTINGS SAVED: Yes 13 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 OF WELL) OVER

OWNER: Raymond V. Shanks
DRILLER: Moore Well Drilling, Inc.
COUNTY: Rockbridge (Natural Bridge Station)

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TOTAL DEPTH - 200'

GEOLOGIC LOG

Depth
in feet

0-3	No sample
3-25	Dolomite — light to medium gray, very fine grained; small amount of vein dolomite
25-45	" with trace of crystalline pyrite
45-52	"
52-75	"
75-100	"
100-125	"
125	" with small amount of yellow stain between vein dolomite and dolomite rock fragments
125-135	Brecciated dolomite — medium gray, partly weathered to light yellowish-tan; very fine to coarse grained, calcareous; some arenaceous dolomite, and vein calcite and dolomite; iron-oxide stains, and a few vugs
135-155	"
155-164	"
164-175	"
175-200	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-3'	No sample	—
3-200'	Shady Formation	Middle Cambrian

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 16, 1969