

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR: 2331
WWCR: 118

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Shenandoah Manufacturers, Inc. Mailing Address: Edinburg, Va.

TENANT: Orange Division, Well #2 Mailing Address: Orange, Va.

DRILLER: C. E. Gentry Mailing Address: Route #1, Louisa, Va.

WELL LOCATION: County Orange Approx. 1 1/2 miles south (direction) of Orange and 300 feet west (direction) of St. Rd. 647

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

DATE STARTED: Oct. 8, 1968 DATE COMPLETED: Oct. 10, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 300 feet

WATER LEVEL: Stands 28 feet below surface OR has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air
Drawdown _____ feet
Rate 6 gal. per min.
Duration _____ hrs., _____ min.

HOLE SIZE: 10 inches from 0 to 55 feet
8 inches from 55 to 90 feet
6 inches from 90 to 300 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 inches from 0 to 99 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method pressure
Material cement & water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes _____ No _____

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

DRILL CUTTINGS SAVED: Yes 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:

INTERVAL SHEET

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WWCR: 118
VDMR Well No: 2331

Date rec'd: 11/29/68

Sample Interval: from 0 to 300'

PROP: Shenandoah Manufacturers, Inc.
(Orange Division, Well No. 2)

Number of samples: 18

COMP: C. E. Gentry

Total Depth: 300'

COUNTY: Orange (Orange)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 80	-	-	-
80 - 120	-	-	-
120 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Shenandoah Manufacturers, Inc.
(Orange Division, Well #2)
DRILLER: C. E. Gentry
COUNTY: Orange (Orange)

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TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth
in feet

EVINGTON GROUP (0-120')

0-80 Phyllite — tannish-gray; a few fragments are iron-oxide stained, aphanitic, micaceous, foliated; sericite, feldspar, quartz; minor amount of vein quartz

80-120 "

CATOCTIN FORMATION (120-300')

120-150 Metamorphosed basalt — greenish-gray, aphanitic, foliated; chlorite, quartz, feldspar, mica, and traces of epidote and amphiboles

150-160 "

160-170 "

170-180 "

180-190 "

190-200 "

200-210 "

210-220 "

220-230 "

230-240 "

240-250 "

250-260 "

260-270 "

OWNER: Shenandoah Manufacturers, Inc. (Orange Division, Well #2)

270-280	Metamorphosed basalt — greenish-gray, aphanitic, foliated; chlorite, quartz, feldspar, mica, and traces of epidote and amphiboles
280-290	"
290-300	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-120'	Evington Group	Cambrian
120-300'	Catoctin Formation	Precambrian (?)

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
December 3, 1968