

OWNER: Roanoke Public Service
(N. Ardmore Sub. Well #3)
DRILLER: Frank W. Martin Drilling Company
COUNTY: Roanoke (Hollins)

VDMR: 2001
WWCR: 463
TOTAL DEPTH: 315'

GEOLOGIC LOG

Depth in feet

0-75	No sample
75-85	Limestone - olive-gray, fine-grained, microcrystalline, argillaceous, dolomitic; some light-olive-gray dolomitic limestone
85-95	" few ferruginous concretions showing concentric banding
95-105	" with calcite crystals and veins
105-195	No sample
195-205	Dolomite - grayish-black, fine-grained, microcrystalline, very argillaceous; some clay
205-215	"
215-225	" few dolomite crystals
225-235	" "
235-245	" some yellowish-orange shale
245-255	" "
255-265	" "
265-275	" "
275-285	"
285-295	"
295-305	"
305-315	Dolomite - grayish-black, fine-grained, crystalline, very argillaceous; some yellowish-orange dolomite and shale

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#2001

GEOLOGIC SUMMARY

Rock Unit

Age

Beekmantown

Ordovician

Virginia Division of Mineral Resources
W. W. Winters, Geologist
November 1967

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2001
WWCR - 463

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

3667

JAMES L. CALVER, COMMISSIONER

McCormick Road

Charlottesville, VA 22903

WATER WELL COMPLETION REPORT

Charlottesville, Virginia

OWNER: Roanoke Public Service Mailing Address: Salem, Virginia

TENANT: N. Ardmore Sub., Well #3 Mailing Address: Hollins, Va.

DRILLER: Frank W. Martin Drilling Co., Inc. Mailing Address: Roanoke, Virginia

WELL LOCATION: County Roanoke Approx. 1 1/2 ~~xxx~~ feet miles south (direction) of
Hollins on Hwy. 115 and 1/2 miles east (direction) of Hwy. 115

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

DATE STARTED: 7/17/67 DATE COMPLETED: 8/8/67

TYPE OF DRILL RIG USED: Davey M8A Air Drill TOTAL DEPTH 315 feet

WATER LEVEL: Stands 122 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Pump Test

Drawdown 30 feet

Rate 72 gal. per min.

Duration _____ hrs., _____ min.

Several

WATER ZONES: from 195 to 315 feet

from _____ to _____ feet

from _____ to _____ feet

WATER: Color slightly cloudy Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Subdivision

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: 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: _____

HOLE SIZE: 10 inches from 0 to 196 feet

6 1/8 inches from 196 to 315 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 196 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method Poured

Material cement Depth 92 feet

PUMP: Type Submersible

Capacity _____ gal. per min

Depth of intake 257 feet

LOG

FURNISHED BY: Frank W. Martin Drilling Co., Inc. DATE: 8/14/67

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	86	Clay and dirt	
86	126	Broken limestone	Hit large opening at 126' lost all return
126	196	Limestone and broken lime	
196	315	Limestone and broken lime	

