

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-2423
C- 485

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

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Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Salem Frame Co., Well #3 Mailing Address: Kessler Mill Rd., Roanoke, Va.

TENANT: Salem Frame Co. Mailing Address: "

DRILLER: Nelson-Roanoke Corp. Mailing Address: 901, 11th. NE, Roanoke, Va.

WELL LOCATION: County Roanoke Approx. 1/4 ~~xxx~~ miles north (direction) of Interstate 81 at Roanoke and 320 ~~xxx~~ feet west (direction) of St. Rd. 630

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

DATE STARTED: Dec. 11, 1968 DATE COMPLETED: Dec. 16, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 165 feet

WATER LEVEL: Stands 12 feet below surface OR has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown 1 feet
Rate 60 gal. per min.
Duration 2 hrs., 0 min.

HOLE SIZE: 10 inches from 0 to 50 feet
6 inches from 50 to 165 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 135 to 140 feet
from 155 to 160 feet
from _____ to _____ feet

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

WATER: Color clear Taste none
Odor none Temp. ? °F

CASE SIZE: 6 5/8 inches from 0 to 50 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

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

GROUTING: Method pumped
cement &
Material water Depth 50 feet

WATER ANALYSIS AVAILABLE: Yes No _____

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

DRILL CUTTINGS SAVED: Yes 16 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: _____

VIRGINIA DIVISION OF MINERAL RESOURCES
INTERVAL SHEET

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1 of 1

Well Repository No: W-2423

Date rec'd: 1/28/69

Sample Interval: from 0 to: 160'

PROP: Salem Frame Co., Well #3

Number of samples: 16

COMP: Nelson-Roanoke Corp.

Total Depth: 165'

COUNTY: Roanoke (Salem)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Salem Frame Co., Well #3
DRILLER: Nelson-Roanoke Corporation
COUNTY: Roanoke (Salem)

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TOTAL DEPTH - 165'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Limestone — very dark gray, argillaceous, very fine grained; large amount of vein calcite; weathered sand and sandstone pebbles
10-20	Limestone — very dark gray to black, very fine grained, argillaceous; traces of pyrite, weathered limestone and slickensides with carbonaceous coatings
20-30	" large amount of vein calcite
30-40	" "
40-50	" "
50-60	" "
60-70	" "
70-80	" "
80-90	" "
90-100	" "
100-110	" "
110-120	" "
120-130	" "
130-140	" "
*140-150	Limestone and shale — black, fine grained, argillaceous, carbonaceous limestone and maroon-gray shale; white vein calcite, traces of green shale and iron-oxide-cemented sandstone

OWNER: Salem Frame Co., Well #3

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150-160 Limestone — black, very fine grained, argillaceous,
carbonaceous; large amount of vein calcite

160-165 No sample

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Martinsburg Formation	Late Ordovician

* Note: The maroon shale in the 140-150' interval may represent a fault slice of the Bays-Moccasin Formation, or an interfingering of Bays-Moccasin lithology within the lower portion of the Martinsburg Formation.

Virginia Division of Mineral Resources
T. M. Gathright, Geologist
January 28, 1969