

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B- 3667
Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Salem Frame Co., Well #2 Mailing Address: Kessler Mill Rd., Roanoke, Va.

TENANT: Salem Frame Co. Mailing Address: "

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

WELL LOCATION: County Roanoke Approx. 1/4 ~~feet~~ miles north (direction) of
Interstate 81 at Roanoke and 300 ~~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. 10, 1968 DATE COMPLETED: Dec. 11, 1968

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH: 105 feet

WATER LEVEL: Stands 10 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method air lift
Drawdown _____ feet
Rate 20 gal. per min. during drilling
Duration A hrs., _____ min.

HOLE SIZE: 8 3/4 inches from 0 to 20 feet
6 inches from 20 to 105 feet
_____ inches from _____ to _____ feet

WATER ZONES: from 25 to 30 feet
from _____ to _____ feet
from _____ to _____ feet

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

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

CASE SIZE: * _____ inches from _____ to _____ 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

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

DRILL CUTTINGS SAVED: Yes 10 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: * This hole was not used because of rocks falling in at 30 feet, preventing the hole from being cased. Abandoned.

OWNER: Salem Frame Co., Well #2
DRILLER: Nelson-Roanoke Corp.
COUNTY: Roanoke (Salem)

W-2424
C- 484
TOTAL DEPTH - 105'

GEOLOGIC LOG

Depth
in feet

0-10	Alluvium — light brown; clay, silt, sand, and sandstone pebbles
10-20	"
20-30	Shale — black; calcareous, carbonaceous, weathered, brecciated; some vein calcite and iron-oxide stains
30-40	Shale — black; very calcareous, carbonaceous; traces of vein calcite and iron-oxide stains
40-50	"
50-60	"
60-70	"
70-80	"
80-90	"
90-100	" with trace of red shale
100-105	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20'	Alluvium	—
20-100'	Martinsburg Formation ?	Late Ordovician
100-105'	No sample	—

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