

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W-3570
C-39

MAILING ADDRESS:
Box 3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Va. Dept. of Highways Mailing Address: Emporia, Va.

TENANT: _____ Mailing Address: _____

DRILLER: Moseley & Nash Ent., Inc. Mailing Address: Blackridge, Va. 23916

WELL LOCATION: County Greensville Co. Approx. _____ feet miles _____ (direction) of _____ and _____ feet miles _____ (direction) of _____

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

DATE STARTED: April 25, 1972 DATE COMPLETED: April 27, 1972

TYPE OF DRILL RIG USED: Air Drill TOTAL DEPTH 225 feet

WATER LEVEL: Stands 20 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air

Drawdown 200 feet

Rate 50 gal. per min.

Duration 5 hrs., 0 min.

WATER ZONES: from 100 to 135 feet

from 190 to 210 feet

from _____ to _____ feet

WATER: Color clear Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other State Shop

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes (22) XX 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: 9 inches from 0 to 59 feet

6 inches from 59 to 225 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 59 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method Cement & water

Material _____ Depth 59 feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

LOG

FURNISHED BY: Moseley & Nash Ent., Inc.

DATE: April 26, 1972

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	20	Red Clay	
20	40	Sandy Clay	
40	48	Brown & Blue Clay	
48	55	Slate Rock	
55	225	Granite	

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1
 Date rec'd: 5/17/72 Date Processed: 7/27/72
 PROPERTY: Comm. of Va. (Hwy. Dept.)
 COMPANY: Moseley & Nash Well Co.
 COUNTY: Greenville (Emporia)

C-39
 Well Repository No.: W- 3570
 Sample Interval: from 0 to: 225'
 Number of samples: 22
 Total Depth: 225'
 Oil or Gas: Water: XX Exploratory:

From-To	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	-	-	-	-
160-170	-	-	-	-
170-180	-	-	-	-
180-190	-	-	-	-
190-200	-	-	-	-
200-210	-	-	-	-
210-225	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

All intervals have both washed and unwashed samples.

Owner: Hwy. Dept.
Driller: Moseley & Nash
County: Greensville (Emporia)

W# 3570
C# 39
Total Depth: 225'
Quad: Emporia
Elev: 143'

Depth
(feet)

WELL LOG

0-10 Clay - light brown (5YR 5/6); sparse sand; medium to very coarse, subangular and angular, poor sorting.

10-20 Clay - light brown (5YR 6/4); sparse sand; fine with few larger grains, subangular, poor sorting.

20-40 Sand - light yellowish brown (10YR 6/4); moderate clay, fine to granule, subangular to subrounded, poor sorting; feldspar.

40-50 Sand - dusky yellow (5Y 6/4); moderate clay; medium to coarse, subangular, moderately well sorted; 5% fine shell fragments; feldspar; mica.

50-225 Light and dark gray, granite composed of quartz, feldspar, biotite; epidote; hornblende; garnet; some pink microcline at 80-90; getting more finely crushed at 150-160; finely crushed at 190-200; pyrite at 150-160.

Logged by: J. K. Polzin
October 1, 1980