

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W #2350  
C #391

MAILING ADDRESS:

B 3667  
C Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road  
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Weyers Cave Sanitary District Mailing Address: Weyers Cave, Va.

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: George F. Burner, Well Drilling Mailing Address: McGaheysville, Va.

WELL LOCATION: County Augusta Approx. 1 1/2 ~~xxx~~ miles northeast (direction) of  
Weyers Cave and 1 ~~xxx~~ miles east (direction) of St. Rt. 276 on  
St. Rd. 690

(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. 25, 1967 DATE COMPLETED: Nov. 6, 1967

TYPE OF DRILL RIG USED: air rotary TOTAL DEPTH 305 feet

WATER LEVEL: Stands 14 feet below surface OR  
has NATURAL flow of \_\_\_\_\_ gallons per minute.

YIELD TEST: Method pump  
Drawdown 34 feet  
Rate 20 gal. per min.  
Duration 24 hrs., 0 min.

WATER ZONES: from 32 to 46 feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet  
from \_\_\_\_\_ to \_\_\_\_\_ feet

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

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry \_\_\_\_\_ Other Sanitary District

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No \_\_\_\_\_

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: \_\_\_\_\_

HOLE SIZE: 10 inches from 0 to 28 feet  
6 inches from 28 to 305 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 28 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

GROUTING: Method \_\_\_\_\_  
Material cement Depth 28 feet

PUMP: Type 2 H.P. Goulds  
Capacity \_\_\_\_\_ gal. per min  
Depth of intake 280 feet

INTERVAL SHEET

Page 1 of 1

C #391  
VDMR Well No: 2350

Date rec'd: 12/18/68

Sample Interval: from 0 to: 300'

PROP: Weyers Cave Sanitary District

Number of samples: 30

COMP: G. F. Burner, Well Drilling

Total Depth: 305'

COUNTY: Augusta (Weyers Cave)

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	-	-	-
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: Weyers Cave Sanitary District  
DRILLER: George F. Burner, Well Drilling  
COUNTY: Augusta (Weyers Cave)

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TOTAL DEPTH: 305'

GEOLOGIC LOG

Depth  
in feet

SAPROLITE (0-10')

0-10 Sand — reddish brown, fine grained

~~EDINBURG~~ FORMATION (10-300')

*Martinsburg*

10-20 Shale — dark gray, moderately fissile, very calcareous;  
traces of vein calcite, fine-grained sandstone,  
and limonite (?)

20-30 Shale — dark gray, moderately fissile, very calcareous;  
minor amount of vein calcite

30-40 " trace of vein calcite

40-50 " "

50-60 "

60-70 "

70-80 " trace of vein calcite

80-90 " "

90-100 "

100-110 "

110-120 Shale — dark gray, moderately fissile, very calcareous

120-130 "

130-140 " with traces of vein calcite and chert

140-150 " "

150-160 " "

160-170 " with trace vein calcite

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170-180	Shale — dark gray, moderately fissile, very calcareous; with trace of vein calcite
180-190	Shale — dark gray, moderately fissile, very calcareous; minor amount of medium gray shale
190-200	" with trace of vein calcite
200-210	Shale — dark gray, moderately fissile, very calcareous; with trace of pyrite
210-220	" no pyrite
220-230	Shale — dark gray, moderately fissile, very calcareous; with trace of vein calcite
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	" and trace of pyrite
300-305	No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	Saprolite	—
10-300'	Martinsburg Edinburg Formation	Middle Ordovician
300-305'	No sample	

Virginia Division of Mineral Resources  
W. W. Winters, Geologist  
December 20, 1968

John H. Sullivan 11/23/76