

INTERVAL SHEET

Page 1 of 1

Date rec'd: 12/14/66

PROP: R. D. Bowie

COMP: J. T. Kesler

COUNTY: Montgomery

VDMR Well No: 1764

Sample Interval: from 30 to 158

Number of samples: 13

Total Depth: 158'

Oil or Gas: Water: <sup>X</sup> Exploratory:

From-To	From-To	From-To	From-To
No sample	-	-	-
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 - 158	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Dr. Roy D. Bowie  
DRILLER: J. T. Kesler Drilling Company  
COUNTY: Montgomery (Christiansburg)

VDMR: 1764  
WWCR: 81  
TOTAL DEPTH: 158'

### GEOLOGIC LOG

#### Depth in feet

0-30	No sample.
30-40	Dolomite - 70% light olive-gray, microcrystalline; 20% medium dark-gray, fine-grained, crystalline, carbonaceous dolomite; 5% tan chert; medium dark-gray chert and vein calcite.
40-50	"
50-60	" increased light olive-gray dolomite (90%) and no chert.
60-70	" "
70-80	" "
80-90	Dolomite - 50% light olive-gray, microcrystalline; 10% medium dark-gray, fine-grained, crystalline, carbonaceous dolomite; 40% medium dark-gray chert.
90-100	"
100-110	"
110-120	Dolomite - light olive-gray, microcrystalline; very little chert.
120-130	" chert increased to 50%.
130-140	" "
140-150	" minor tan chert.
150-158	Dolomite - 90% medium dark-gray, fine-grained, crystalline; 10% light olive-gray dolomite.

### GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Beekmantown Formation	Ordovician

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