

OWNER: Universal Atlas Company (Test Well #2)
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Botetourt

VDMR: 1835
WWCR: 86
TOTAL DEPTH: 399'

GEOLOGIC LOG

Depth in feet

0- 10	Limestone - medium-gray, fine-grained, crystalline, argillaceous; minor light-olive-gray, dolomitic limestone
10- 20	Limestone - medium-gray, fine-grained dolomitic; minor light-brownish-gray, dolomitic
20- 30	" vein calcite
30- 40	Limestone - medium-dark-gray, fine-grained, crystalline, dolomitic
40- 50	"
50- 60	Limestone - 50% medium-dark-gray, fine-grained, dolomitic; 50% medium-gray, fine-grained, limestone
60- 70	" some banded limestone
70- 80	"
80- 90	" some large calcite crystals
90-100	Limestone - medium-gray, fine-grained, argillaceous
100-110	"
110-120	"
120-130	Limestone - medium-gray, fine-grained, crystalline, dolomitic
130-140	Limestone - light-gray, fine-grained, crystalline, dolomitic; trace pyrite
140-150	Dolomite - medium-dark-gray, medium-grained, crystalline; slightly calcareous
150-160	"

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160-170	Dolomite - medium-dark-gray, medium-grained, crystalline, slightly calcareous
170-180	"
180-190	" some calcite crystals
190-200	"
200-210	Limestone - medium-gray, fine-grained, crystalline; trace pyrite
210-220	" some medium-gray, medium- to coarse grained dolomite
220-230	Limestone - medium-gray, fine-grained, crystalline
230-240	Limestone - medium-gray, fine-grained, dolomitic
240-249	"
249-250	" some arenaceous limestone; trace pyrite
250-260	Limestone - medium-light-gray, fine-grained, argillaceous
260-270	"
270-280	" some dolomitic limestone
280-290	Dolomite - medium-gray, fine-grained, slightly calcareous
290-300	"
300-310	"
310-320	Limestone - medium-gray, fine-grained, argillaceous; trace pyrite
320-330	Dolomite - medium-gray, fine-grained, argillaceous
330-340	" calcareous

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340-350	Dolomite - medium-gray, fine-grained, argillaceous; calcareous
350-360	"
360-370	"
370-380	"
380-390	"
390-399	"

GEOLOGIC SUMMARY

Rock Unit

Age

Beekmantown Formation

Ordovician

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