

INTERVAL SHEET

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VDMR Well No: 1563

Date rec'd: 4/20/66

Sample Interval: from 10' to: 260'

PROP: John Rixey Well #1

Number of samples: 26

COMP: C. R. Moore

Total Depth: 260'

COUNTY: Culpeper (Rapidan)

Oil or Gas: Water~~X~~ Exploratory:

From-To	From-To	From-To	From-To
10 -	-	-	-
20 -	-	-	-
30 -	-	-	-
40 -	-	-	-
50 -	-	-	-
60 -	-	-	-
70 -	-	-	-
80 -	-	-	-
90 -	-	-	-
100 -	-	-	-
110 -	-	-	-
120 -	-	-	-
130 -	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
180 -	-	-	-
190 -	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
240 -	-	-	-
250 -	-	-	-
260 -	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

OWNER: John Rixey, Well #1
DRILLER: C. R. Moore Well Drilling Co.
COUNTY: Culpeper (Rapidan)

VDMR: 1563
WWCR: 30
TOTAL DEPTH: 260'

GEOLOGIC LOG

Depth in feet

10	No sample
20	Siltstone - reddish gray, aphanitic to very fine-grained, poorly-fissile to non-fissile, hematitic, micaceous, calcareous, feldspathic
30	" (X-ray examination showed plagioclase, quartz, illite, chlorite, microcline, and calcite. Plagioclase and quartz content are each 30-35%; a pyroclastic or re-worked pyroclastic sediment?)
40	"
50	Mafic dike or flow - gray, hard, aphanitic with occasional, poorly-defined feldspar grains, subconchoidal fracture
60	Siltstone - pale, pinkish-gray, poorly-fissile, aphanitic
70	Siltstone and claystone - dark-red, poorly-fissile to moderately-fissile, aphanitic, micaceous siltstone; with some dark-red, very fine-grained to fine-grained, arkosic sandstone
80	"
90	"
100	"
110	"
120	"
130	"
140	"
150	"
160	"
170	" with calcite-cemented breccia (1%)

OWNER: John Rixey, Well #1

#1563

180	Siltstone and claystone - dark-red, poorly-fissile to moderately-fissile, aphanitic, micaceous siltstone; with some dark-red, very fine-grained to fine-grained, arkosic sandstone
190	"
200	" with 1-2 % pyrite (0.1 mm), calcite, and clay coatings and joint fillings
210	"
220	"
230	"
240	Shale - gray, hard, moderately-fissile to poorly-fissile, calcareous, "baked" (?)
250	Mafic dike or flow - dark-gray, poorly-fissile, with traces of pyrite and chalcopyrite
260	" aphanitic

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10'	No Sample	
10-260'	Newark Formation with fault at 160-170'	Triassic

Virginia Division of Mineral Resources
Richard S. Good, Geologist
December 15, 1967