

INTERVAL SHEET

WWCR: 557

Page 1 of 1

VDMR Well No: 1649

Date rec'd: 7/8/66

Sample Interval: from 0 to 358

PROP: A. D. Sirk

Number of samples: 19

COMP: Sydnor Pump and Well Co.

Total Depth: 358

COUNTY: Rockingham (Lacey Springs)

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

From-To	From-To	From-To	From-To
-	0 - 88	-	-
-	88 - 103 *	-	-
-	103 - 118	-	-
-	118 - 133	-	-
-	133 - 148 *	-	-
-	148 - 163 *	-	-
-	163 - 178	-	-
-	178 - 193	-	-
-	193 - 208 *	-	-
-	208 - 223	-	-
-	223 - 238 *	-	-
-	238 - 253	-	-
-	253 - 268	-	-
-	268 - 283 *	-	-
-	283 - 298	-	-
-	298 - 313	-	-
-	313 - 328	-	-
-	328 - 343	-	-
-	343 - 358 *	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

* Unwashed samples only

OWNER: A. D. Sirk
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Rockingham (Lacey Springs)

VDMR: 1649
WWCR: 557
TOTAL DEPTH: 358'

GEOLOGIC LOG

Depth in feet

0-88	Dolomite - medium-gray, medium crystalline, calcareous, calcite and dolomite veins; some gray, medium- to fine-grained, porous, well-sorted, sandstone
88-103	Dolomite - medium-light-gray-blue and tan, medium crystalline, calcareous; some tan chert
103-118	" with dolomite crystals, numerous black and tan chert; some reddish orange clay
118-133	Limestone - light-gray, creamy white, finely crystalline, dense, very thin calcite veins; some gray-blue, iron-stained chert, containing small oolites and quartz grains
133-148	" with some, gray-blue, medium to coarsely crystalline, calcareous dolomite; considerable calcite crystals and chert; some white and blue, iron stained limestone with minute fractures containing calcite
148-163	" " with yellow-tan clays
163-178	Dolomite - light-gray, light-blue tinted, slightly argillaceous, calcareous; very thin calcite vines; white to tan, iron-stained chert, vuggy calcite crystals in travertine
178-193	Dolomite - medium-gray, gray-blue and light gray-blue mottled, medium crystalline, clear to rosy calcite crystals and iron stained calcite veins, traces of white chert
193-208	" some light gray-blue limestone, considerable yellow-orange clay
208-223	" vuggy calcite with clay filling, minute yellow-brown iron-oxide stained fractures
223-238	" with some silicification, yellow-orange clay

238-253	Limestone - gray-blue, medium crystalline, granular; light gray, whitish, fine crystalline limestone, black and tan chert, clear to tan-stained calcite crystals		
253-268	"	with much black and white chert, many calcite crystals	
268-283	"	with friable dolomite	
283-298	"	"	much black and varicolored chert
298-313	"	"	and silicification
313-328	Limestone - gray-blue, tan, light-gray, medium crystalline; some tan finely crystalline limestone and varicolored chert		
328-343	"	much varicolored chert	
343-358	"	friable limestone, less chert	

GEOLOGIC SUMMARY

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

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 1966