

INTERVAL SHEET

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VDMR Well No: 1609

Date rec'd: 5/25/66

Sample Interval: from 0 to 350

PROP: E. U. B. Church (Va. Conference)

Number of samples: 52

COMP: Sydnor Pump & Well Co.

Total Depth: 350

COUNTY: Rockingham (Verona)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	145 - 155*	-	-
10 - 18	155 - 165*	-	-
18 - 22	165 - 175	-	-
22 - 25	175 - 185	-	-
25 - 30*	185 - 195	-	-
30 - 35	200 -	-	-
35 - 40*	200 - 208*	-	-
40 - 45*	208 - 218	-	-
45 - 50*	218 - 228	-	-
50 - 55	228 - 238*	-	-
56 -	238 - 248*	-	-
56 - 60	248 - 258*	-	-
60 - 65	257 - 267	-	-
65 - 70	267 - 278 *	-	-
70 - 75	278 - 283*	-	-
75 - 80	283 - 293	-	-
80 - 85	293 - 303*	-	-
85 - 90	303 - 313*	-	-
90 - 95	313 - 323*	-	-
95 - 100	323 - 333	-	-
100 - 105	333 - 343	-	-
105 - 110	343 - 350	-	-
110 - 115	-	-	-
115 - 120	-	-	-
120 - 125	-	-	-
125 - 130	-	-	-
130 - 135	-	-	-
135 - 140	-	-	-
140 - 145	-	-	-
153	-	-	-

Mountain Run
ont

*Unwashed samples only

have washed samples (W.S.)

OWNER: E. U. Brethern, Va. Conference, Church
DRILLER: Sydnor Pump & Well Company
COUNTY: Rockingham (Mountain Run. Mass. Mt.)

VDMR: 1609
WWCR: 554
TOTAL DEPTH: 350'

GEOLOGIC LOG

Depth in feet

UNCONSOLIDATED GRAVEL (0-20')

0-10 Sandstone - white, tan, light yellow, weathered, iron-stained,
medium- to coarse-grained, subangular.
10-18 "
18-22 " with shale, dark gray clay

MARTINSBURG FORMATION (20-350')

22-25 Clay shale - dark-gray, calcareous, compact, with sand
25-30 "
30-35 Clay Shale - dark-gray, calcareous
35-40 "
40-45 " with calcite
45-50 "
50-55 Calcite - white, crystalline; some dark gray shale and clay
56 "
56-60 Clay Shale - dark gray, calcareous, platy, calcite veins
60-65 "
65-70 "
70-75 "
75-80 " with much calcite
80-85 "
85-90 "
90-95 "
95-100 "

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100-105	Clay Shale - dark gray, calcareous, platy, calcite veins
105-110	"
110-115	"
115-120	" little calcite
120-125	" "
125-130	" "
130-135	" "
135-140	" "
140-145	" "
145-155	" "
155-165	" "
153	" with much calcite
165-175	" little calcite
175-185	" "
185-195	" "
200	" with much calcite
200-208	"
208-218	" with much calcite
218-228	" some calcite
228-238	"
238-248	"
248-258	"
257-267	Clay Shale - dark gray, calcareous, thin bedded, little calcite

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267-278	Clay Shale - dark gray, calcareous, thin bedded, little calcite
278-283	"
283-293	Clay Shale - dark gray, calcareous, thin bedded, little calcite
293-303	"
303-313	"
313-323	" some calcite
323-333	Clay Shale - dark gray, calcareous, thin bedded, some calcite
333-343	"
343-350	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20	Unconsolidated Gravel	Recent
20-350	Martinsburg Formation	Ordovician

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
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