

INTERVAL SHEET

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VDMR Well No: 1631

Date rec'd: 6/20/66

Sample Interval: from 5 to 415

PROP: James E. Lemon #3

Number of samples: 41

COMP: R. L. Obenchain

Total Depth: 417

COUNTY:Roanoke (Roanoke)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
5 - 15	305 - 315	-	-
15 - 25	315 - 325 *	-	-
25 - 35 *	325 - 335 *	-	-
35 - 45	335 - 345	-	-
45 - 55	345 - 355	-	-
55 - 65	355 - 365 *	-	-
65 - 75	365 - 375 *	-	-
75 - 85 *	375 - 385 *	-	-
85 - 95 *	385 - 395 *	-	-
95 - 105 *	395 - 405 *	-	-
105 - 115	405 - 415 *	-	-
115 - 125	-	-	-
125 - 135	-	-	-
135 - 145	-	-	-
145 - 155	-	-	-
155 - 165	-	-	-
165 - 175	-	-	-
175 - 185 *	-	-	-
185 - 195 *	-	-	-
195 - 205 *	-	-	-
205 - 215	-	-	-
215 - 225	-	-	-
225 - 235	-	-	-
235 - 245	-	-	-
245 - 255 *	-	-	-
255 - 265 *	-	-	-
265 - 275 *	-	-	-
275 - 285 *	-	-	-
285 - 295	-	-	-
295 - 305	-	-	-

* Unwashed samples only

OWNER: James E. Lemon, Well #3
DRILLER: R. L. Obenchain
COUNTY: Roanoke (Roanoke)

VDMR #1631
WWCR #441
TOTAL DEPTH: 417'

GEOLOGIC LOG

0-5	No sample
5-15	Shale — dark gray, calcareous, few calcite veins
15-25	"
25-35	"
35-45	" with increase in calcite
45-55	"
55-65	"
65-75	Shale — dark gray, calcareous, few calcite veins
75-85	"
85-95	"
95-105	"
105-115	"
115-125	"
125-135	" with a trace of white chert
135-145	"
145-155	"
155-165	Shale — dark gray, calcareous, few calcite veins
165-175	" with trace of white chert
175-185	"
185-195	Shale — dark gray, calcareous, very little calcite
195-205	"
205-215	"
215-225	"
225-235	"

OWNER: James E. Lemon, Well #3

#1631

235-245	Shale — dark gray, calcareous, very little calcite
245-255	"
255-265	"
265-275	"
275-285	"
285-295	" with slight increase in calcite
295-305	Shale — dark gray, calcareous, very few calcite veins
305-315	"
315-325	"
325-335	"
335-345	"
345-355	"
355-365	"
365-375	"
375-385	"
385-395	"
395-405	"
405-415	"
415-417	No sample

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-5	No sample	
5-415	Athens Formation	Middle Ordovician
415-417	No sample	

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