

INTERVAL SHEET

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VDMR Well No: 1531

Date rec'd: 3/23/66

Sample Interval: from 0 to 460

PROP: Town of Rich Creek #2

Number of samples: 39

COMP: Sydnor Pump and Well Co.

Total Depth: 500

COUNTY: Giles

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 - 5	355 - 365 *	-	-
5 - 15	365 - 375 *	-	-
15 - 30	375 - 385 *	-	-
30 - 45	385 - 395 *	-	-
45 - 60	400 - 410	-	-
60 - 70	410 - 420	-	-
70 - 80	420 - 430	-	-
80 - 90	430 - 440	-	-
90 - 100	440 - 450	-	-
100 - 110	450 - 460	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 205	No samples	-	-
205 - 215	-	-	-
215 - 225	-	-	-
225 - 235	-	-	-
235 - 245	-	-	-
245 - 255	-	-	-
255 - 265	-	-	-
265 - 275	-	-	-
275 - 285	-	-	-
285 - 295	-	-	-
295 - 305	-	-	-
305 - 315	-	-	-
315 - 325	-	-	-
325 - 335	-	-	-
335 - 345	-	-	-
345 - 355	-	-	-
360 -	-	-	-

\* Unwashed samples only

OWNER: Town of Rich Creek, Well #2  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Giles (Rich Creek)

VDMR #1531  
WWCR #17  
TOTAL DEPTH: 500'

GEOLOGIC LOG

0-5	Oolitic limestone — medium brownish-gray, oolites up to 2 mm; argillaceous cherty matrix, minor iron oxide
5-15	less iron oxide
15-30	Limestone — medium-gray, fine-grained, fossiliferous, minor medium crystalline, minor light-greenish yellow-gray argillaceous limestone
30-45	Shaly limestone — dark-gray, fine-grained, micaceous
45-60	some weathered shaly limestone, light-orange and pale-green
60-70	Argillaceous limestone — medium-gray, fine-grained, slightly micaceous
70-80	Shaly limestone — light-gray, fine-grained
80-90	minor portion weathered cream colored
90-100	fossiliferous
100-110	Limestone — medium-gray, fine-grained
110-120	Limestone — tan to dark-gray, fossiliferous, fine-grained matrix
120-130	trace crinoid columnals
130-140	"
140-205	No samples
205-215	Oolitic limestone — medium bluish-gray, fossiliferous, minor sand
215-225	Oolitic limestone — dark-gray to light-brown, fine-grained, sandy
225-235	Limestone — dark-gray, fine-grained, argillaceous, fossiliferous

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235-245	Limestone — dark-gray, fine-grained, argillaceous, fossiliferous, minor pyrite
245-255	Limestone — medium-gray, fine-grained, argillaceous
255-265	Limestone — medium-gray, fine-grained
265-275	Calcareous shale — medium-gray, fissile
275-285	"
285-295	Argillaceous limestone — medium-gray, fine-grained
295-305	Silty argillaceous limestone — medium-gray, fine-grained, with minor light-brown, fossiliferous, partially crystalline, oolitic limestone
305-315	"
315-325	Argillaceous limestone — medium-gray, fine-grained, slightly fossiliferous; minor portion leached to light brown
325-335	Limestone — medium-gray, fine-grained, slightly fossiliferous, minor vein calcite
335-345	Limestone — dark-gray, fine-grained, slightly fossiliferous
345-355	"
360	Limestone — medium-gray, fine-grained, argillaceous, oolitic and fossiliferous with crinoid columnals and bryozoa
355-365	Calcareous siltstone — light-gray
365-375	Silty limestone — medium-gray, fine-grained
375-385	Argillaceous limestone — medium-gray, medium-crystalline, very fossiliferous
385-395	Siliceous limestone — medium-gray, abundant very fine sand, fossiliferous
395-400	No sample
400-410	Calcareous sandstone — medium-gray, very fine sand, slightly fossiliferous

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410-420 Siliceous limestone — dark-gray, coarsely crystalline, with rounded fine to medium sand, oolites and minor fossils

420-430 Calcareous sandstone — medium-gray

430-440 Argillaceous limestone — medium-gray, fine-grained

440-450 "

450-460 minor siliceous fossiliferous, oolitic limestone; trace pyrite

460-500 No samples

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Greenbrier Limestone

Mississippian

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
March 28, 1966