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INTERVAL SHEET

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VDMR WELL NO. 438

Sample Interval: from 0 to 620

PROP: Rockingham Poultry Well # 3
(Timberville)

Total Depth _____

COMP: Sydnor

Oil _____ Gas _____ Water X Exploratory _____

COUNTY: Rockingham

Cuttings X Core _____ Other _____

From-To	From-To	From-To	From-To	From-To
0- 10	300- 310	600- 610	-	-
10- 20	310- 320	610- 620	-	-
20- 30	320- 330	-	-	-
30- 40	330- 340	-	-	-
40- 50	340- 350	-	-	-
50- 60	350- 360	-	-	-
60- 70	360- 370	-	-	-
70- 80	370- 380	-	-	-
80- 90	380- 390	-	-	-
90- 110	390- 400	-	-	-
110- 120	400- 410	-	-	-
120- 130	410- 420	-	-	-
130- 140	420- 430	-	-	-
140- 150	430- 440	-	-	-
150- 160	440- 450	-	-	-
160- 170	450- 460	-	-	-
170- 180	460- 470	-	-	-
180- 190	470- 480	-	-	-
190- 200	480- 490	-	-	-
200- 210	490- 500	-	-	-
210- 220	500- 510	-	-	-
220- 230	510- 520	-	-	-
230- 240	520- 530	-	-	-
240- 250	530- 540	-	-	-
-	540- 550	-	-	-
250- 260	550- 560	-	-	-
260- 270	560- 570	-	-	-
270- 280	570- 580	-	-	-
280- 290	580- 590	-	-	-
290- 300	590- 600	-	-	-

*Completed set
of washed samples*

OWNER: Rockingham Poultry Marketing Co-op Well # 3
DRILLER: Sydnor Pump & Well Co.
COUNTY: Rockingham (Timberville)

VDMR # 438
WWCR # 178
Depth: 622 feet

SAMPLE EXAMINATION
(washed)

0-10	Soil & quartz grains
10-20	Quartz & other alluvial material
20-30	Limestone, dark gray, finely crystalline, fairly hard, silty
30-40	Limestone as above w/considerable calcite
40-50	Limestone w/calcite seams as above, traces of brown fine sandstone
50-60	Limestone as above, w/some brown-gray, very fine grained calcareous sandstone, slight decrease in amount of calcite.
60-70	Limestone, dark gray, finely crystalline, considerable calcite in seams, traces of fine grained sandstone.
70-80	Limestone as above, considerable amount of calcite, fine grained sandstone absent.
80-90	Limestone w/calcite as above
90-100	Missing
100-110	Limestone, dark gray, silty, w/some light gray, soft, slightly calcareous material-a silty shale
110-120	Limestone, dark gray, w/some calcite
120-130	Limestone w/some calcite as above
130-140	Limestone as above w/traces of tan, very fine grained sandstone and talc? -more probably a shale, slightly calcareous.
140-150	Limestone, dark gray, dense, finely crystalline
150-160	Limestone as above with calcite seams

160-170	Limestone as above
170-180	Limestone as above
180-190	Limestone as above
190-200	Limestone with calcite as above
200-210	Limestone with calcite as above
210-220	Limestone, dark gray, finely crystalline, silty, with interbedded calcite layers
220-230	Limestone as above
230-240	Limestone as above, decrease in calcite
240-250	Limestone as above, little or no calcite
250-260	Limestone as above, slight amount of calcite
260-270	Limestone, dark gray, finely crystalline, dense, silty, with calcite
270-280	Limestone w/ little calcite
280-290	Limestone as above, few calcite seams
290-300	Limestone as above
300-310	Limestone as above
310-320	Limestone as above
320-330	Limestone as above
330-340	Limestone as above
340-350	Limestone as above
350-360	Limestone as above
360-370	Limestone as above
370-380	Limestone as above
380-390	Limestone, dark gray, hard, dense, finely crystalline, silty, w/ calcite seams

390-400	Limestone as above
400-410	Limestone as above
410-420	Limestone as above
420-430	Limestone as above
430-440	Limestone as above
440-450	Limestone as above
450-460	Limestone as above
460-470	Limestone as above w/marked increase in amount of calcite- almost 40% of sample.
470-480	Limestone, dark gray as above, decrease in calcite from above, only small percent of calcite now.
480-490	Limestone as above
490-500	Limestone as above
500-510	Limestone as above
510-520	Limestone as above, slight increase in calcite content
520-530	Limestone as above, slight decrease in calcite
530-540	Limestone as above
540-550	Limestone as above
550-560	Limestone as above
560-570	Limestone, dark gray, silty, finely crystalline, dense, with calcite
570-580	Limestone as above
580-590	Limestone as above
590-600	Limestone as above
600-610	Limestone, dark gray, finely crystalline, dense, silty, with considerable calcite
610-620	Limestone as above

GEOLOGIC SUMMARY

0-20 = Overburden

20-622 = Ordovician Athens?

Note = Electric Log # 40

VIRGINIA DIVISION OF MINERAL RESOURCES
Laurence H. Gardner II, Geologist
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