

INTERVAL SHEET

Page 1 of 1

VDMR Well No.: WELL NO. 699 WWCR #186

Date 8-27-62

Sample Interval: from 0 to 750

PROP: PROP: BLUE RIDGE POULTRY
AND EGG CO. #2

Total depth 750

COMP: COMP: SYDNOR
COUNTY: SHENANDOAH

Oil _____ Gas _____ Water X Exploratory _____

COUNTY: (COLUMBIA FURNACE)
VDMR WELL NO. W699

Cuttings X Core _____ Other _____

FROM: TO:

From-To	From-To	From-To	From-To	From-To
-	0-10	300-310	600 - 610	Insufficient -
-	10-20	310-320	610 - 620	Quantity -
-	20-30	320-330	620 - 630	of material to -
-	30-40	330-340	630 - 640	wash -
-	40-50	340-350	640 - 650	-
-	50-60	350-360	650-660	-
-	60-70	360-370	660-670	-
-	70-80	370-380	670-680	-
-	80-90	380-390	680-690	-
-	90-100	390-400	690-700	-
-	100-110	400-410	700-710	-
-	110-120	410-420	710-720	-
-	120-130	420-430	Missing	-
-	130-140	430-440	730-740	-
-	140-150	440-450	740-750	-
-	150-160	450-460	-	-
-	160-170	460-470	-	-
-	170-180	470-480	-	-
-	180-190	480-490	-	-
-	190-200	490-500	-	-
-	200-210	500-510	-	-
-	210-220	510-520	-	-
-	220-230	520-530	-	-
-	230-240	530-540	-	-
-	240-250	540-550	-	-
-	250-260	550-560	-	-
-	260-270	560-570	-	-
-	270-280	570-580	-	-
-	280-290	580-590	-	-
-	290-300	590-600	-	-

OWNER: Blue Ridge Poultry & Egg Co. #2
DRILLER: Sydnor Pump and Well Co.
COUNTY: Shenandoah (Columbia Furnace)

VDMR# 699
WWCR# 186
Depth: 750

SAMPLE EXAMINATION
(washed samples)

0 - 10	Clay - light orange, soft, 10% fine to coarse grained, sub-rounded quartz grains.
10 - 20	As above
20 - 30	Clay - light and dark orange, soft, slightly silty.
30 - 40	Clay - light orange, moderately hard, silty with some coarse quartz grains.
40 - 50	As above
50 - 60	Clay - light orange, moderately hard, very silty with some subrounded gravel-size particles.
60 - 70	Limestone - light gray, moderately soft, highly weathered, highly calcareous, 10% light orange clay.
70 - 80	Limestone - light gray to black, hard, slightly weathered, highly calcareous, 5% light orange clay (top of bedrock in this interval).
80 - 90	Limestone - light gray to black, hard, dense, some weathering, highly calcareous, 3% light orange clay.
90 - 100	Limestone - black, hard, dense, highly calcareous, 1% light orange mud, heavy trace of white calcite vein material.
100 - 110	Limestone - black, hard, dense, highly calcareous, carbonaceous, trace of white calcite vein material.
110 - 120	As above
120 - 130	As above
130 - 140	As above
140 - 150	As above

150 - 160	As above
160 - 170	Limestone - black, hard, dense, highly calcareous, carbonaceous, trace of iron stained calcite.
170 - 180	As above
180 - 190	Limestone - medium gray, hard, dense, highly calcareous, 15% white calcite vein material.
190 - 200	Limestone - light gray, hard, dense, highly calcareous, 10% white calcite vein material.
200 - 210	As above
210 - 220	Limestone - light gray, hard, dense, highly calcareous, 2% white calcite vein material, trace of iron staining.
220 - 230	Limestone - light gray, hard, dense, highly calcareous, heavy trace of white calcite vein material and marcasite.
230 - 240	As above
240 - 250	Limestone - light to dark gray, hard, dense, highly calcareous, 10% white calcite vein material, trace of marcasite.
250 - 260	Limestone - light gray, very hard, nodular, dense, highly calcareous.
260 - 270	As above
270 - 280	As above
280 - 290	Limestone - medium gray, very hard, dense, highly calcareous, 1% white calcite vein material.
290 - 300	As above
300 - 310	As above
310 - 320	As above
320 - 330	Limestone - light gray, very hard, dense, highly calcareous, heavy trace of calcite vein material, trace of weathered limestone.

330 - 340	As above
340 - 350	As above
350 - 360	As above
360 - 370	Limestone - light gray, very hard, dense, highly calcareous, heavy trace of calcite vein material.
370 - 380	As above
380 - 390	Limestone - light gray and black, hard, dense, highly calcareous, 2% calcite vein material.
390 - 400	As above
400 - 410	Limestone - light gray with small amount of black, hard, dense, highly calcareous, heavy trace of calcite vein material, trace of weathered limestone.
410 - 420	As above
420 - 430	As above
430 - 440	As above
440 - 450	As above
450 - 460	As above
460 - 470	Limestone - light gray with small amount of black, hard, dense, highly calcareous, 1% calcite vein material, trace of pyrite.
470 - 480	Limestone - light gray with small amount of black, hard, dense, highly calcareous, heavy trace of calcite vein material and fine grained subrounded quartz sand.
480 - 490	As above
490 - 500	Limestone - light gray with small amount of black, hard, dense, highly calcareous, heavy trace of calcite vein material and fine to coarse grained, subrounded quartz sand.
500 - 510	As above

510 - 520	Limestone - light gray with small amount of black, hard, dense, highly calcareous, heavy trace of calcite vein material and fine to coarse grained, subrounded, quartz sand, trace of clay.
520 - 530	As above
530 - 540	As above
540 - 550	Limestone - light gray with small amount of black, hard, dense, highly calcareous, trace of calcite vein material, 1% fine to coarse grained, subrounded, quartz sand, trace of iron oxide.
550 - 560	As above
560 - 570	As above
570 - 580	As above
580 - 590	As above
590 - 600	Limestone - light gray with small amount of black, hard, dense, highly calcareous, trace of calcite vein material, 45% fine, subrounded quartz grains, trace of iron oxide.
600 - 610	Limestone - light gray, hard, dense, highly calcareous, 1% calcite vein material, 1% fine to coarse grained, subrounded quartz sand, trace of iron oxide.
610 - 620	As above
620 - 630	Limestone - light gray, hard, dense, highly calcareous, 1% calcite vein material, 45% fine to coarse grained, subrounded quartz sand, trace of iron oxide.
630 - 640	Limestone - light gray and black, hard, dense, highly calcareous, 1% calcite vein material, heavy trace of fine to coarse grained, subrounded quartz sand, trace of iron oxide.
640 - 650	As above
650 - 660	As above
660 - 670	Limestone - light gray and black, hard, dense, highly calcareous, 1% calcite vein material, trace of fine grained, subrounded quartz sand and iron oxide.
670 - 680	As above

680 - 690	As above
690 - 700	As above
700 - 710	As above
710 - 720	As above
720 - 730	No sample
730 - 740	Limestone - light gray and black, hard, dense, highly calcareous, 1% calcite vein material, trace of fine grained, subangular quartz sand and iron oxide.
740 - 750	Limestone - black with some gray, hard, dense, calcareous, 1% fine to medium grained, subrounded, quartz sand, trace of calcite vein material and iron oxide.

GEOLOGIC SUMMARY

<u>AGE</u>	<u>Formation or unit</u>
Early Ordovician	Limestone

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
August 31, 1962