

INTERVAL SHEET

WWCR 299

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VDMR Well No.: Well No. 1068

Date 6/22/64

Sample Interval: from 8 to 610

PROP: Rosenfeld Shopping Center #1 Total depth 612

COMP: C. R. Moore Oil  Gas  Water  Exploratory

COUNTY: Augusta (Staunton) Cuttings  Core  Other

VDMR Well No: W-1068 Washed samples only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 8 *	280 - 290	580 - 590
-	-	8 - 10	290 - 300	590 - 600
-	-	10 - 20	300 - 310	600 - 610
-	-	20 - 30	310 - 320	610 - 612 *
-	-	30 - 40	320 - 330	-
-	-	40 - 50	330 - 340	-
-	-	50 - 60	340 - 350	-
-	-	60 - 70	350 - 360	-
-	-	70 - 80	360 - 370	-
-	-	80 - 90	370 - 380	-
-	-	90 - 95	380 - 390	-
-	-	90 - 100	390 - 400	-
-	-	100 - 110	400 - 410	-
-	-	110 - 120	410 - 420	-
-	-	120 - 130	420 - 430	-
-	-	130 - 140	430 - 440	-
-	-	140 - 150	440 - 450	-
-	-	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	-

\* No sample

OWNER: Rosenfeld Shopping Center #1  
DRILLER: C. R. Moore  
COUNTY: Augusta (Staunton)

VDMR #1068  
WWCR #299  
TOTAL DEPTH: 612'

GEOLOGIC LOG

0-8 No sample.

Beekmantown Formation (8-610')

- 8-10 Dolomite — light-gray to blue, fine- to medium-grained; blue material dolomite; gray material dolomite granules with calcite cement; calcite crystals, siliceous.
- 10-20 Dolomite — blue, medium- to coarse-grained, large calcite veins, disseminated pyrite, siliceous.
- 20-30 As above.
- 30-40 Dolomite — dark-blue, coarse-grained, minor anhydrite and vein calcite.
- 40-50 Limestone — dark-blue, coarse-grained, calcite crystals, disseminated pyrite, minor anhydrite.
- 50-60 Dolomite — dark-blue, medium- to coarse-grained, siliceous.
- 60-70 Limey Dolomite — light-blue, fine-grained, calcite crystals in open fractures veins, disseminated pyrite, siliceous.
- 70-80 Dolomite — dark-blue, medium- to coarse-grained, minor anhydrite, calcite crystals, siliceous.
- 80-90 Dolomite — light-blue to gray, fine- to medium-grained, minor anhydrite, calcite crystals, iron staining.
- 90-95 As above — with minor black chert, driller reports water zone at this interval.
- 90-100 Dolomite — blue to light-gray, fine- to medium-grained, black and light-gray chert, disseminated pyrite, calcite crystals.
- 100-110 As above — with minor black shale.
- 110-120 As above — with sandy layers.
- 120-130 As above.
- 130-140 Limey Dolomite — blue to light-gray, fine-grained, granular pieces with calcareous cement, red and black chert.

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- 140-150 Dolomite — blue, fine- to medium-grained, red and dark-gray chert, disseminated pyrite; calcite crystals.
- 150-160 As above — with increase of black chert.
- 160-170 As above — less black chert.
- 170-180 Dolomite — blue, fine-grained, some granular material, minor black chert.
- 180-190 As above — with disseminated pyrite.
- 190-200 Dolomite — blue, fine-grained, some weathered red chert and black chert, calcite crystals.
- 200-210 Dolomite — blue, fine-grained, considerable vein calcite, black and light-gray chert.
- 210-220 As above — some gray dolomite.
- 220-230 As above — with a large piece of chlorite.
- 230-240 Dolomite — blue to gray, fine-grained, disseminated black chert and pyrite.
- 240-250 As above — but no pyrite.
- 250-260 As above — darker blue in color.
- 260-270 As above — light-blue in color.
- 270-280 As above — with light-gray and black chert.
- 280-290 As above — black chert only.
- 290-300 Dolomite — blue fine-grained, minor chert, siliceous.
- 300-310 As above — but fine- to medium-grained and disseminated pyrite.
- 310-320 As above.
- 320-330 As above.
- 330-340 Dolomite — bluish-gray, fine- to medium-grained, some granular material, minor black chert and pyrite.
- 340-350 As above — with black and gray chert.

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- 350-360 Dolomite — bluish-gray, fine- to medium-grained, some granular material, minor black chert and pyrite.
- 360-370 As above — less chert.
- 370-380 As above — increase of chert and vein calcite veins.
- 380-390 Dolomite — bluish-gray, medium- to coarse-grained, gray and black chert, minor pyrite.
- 390-400 As above — but fine- to medium-grained.
- 400-410 As above — medium-to coarse-grained.
- 410-420 Dolomite — gray, fine-grained, some granular material, disseminated pyrite in black chert.
- 420-430 Dolomite — bluish-gray, fine-grained, minor black and gray chert, disseminated pyrite.
- 430-440 As above — with some granular material.
- 440-450 As above.
- 450-460 As above — increase of pyrite.
- 460-470 Dolomite — blue, medium- to coarse-grained, minor chert and calcite.
- 470-480 Dolomite — bluish-gray, fine- to medium-grained, very siliceous; minor disseminated black chert.
- 480-490 Dolomite — blue, coarse-grained, minor black chert; vein calcite.
- 490-500 As above — medium-grained.
- 500-510 As above.
- 510-520 Dolomite — bluish-gray, medium- to coarse-grained, minor calcite, pyrite and black chert.
- 520-530 As above.
- 530-540 Dolomite — bluish-gray, fine-grained, some color banding; considerable pyrite, (iron oxide stains); minor black chert.
- 540-550 Dolomite — blue, medium-to coarse-grained, minor iron oxide stains, calcite and chert.

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550-560 Dolomite — dark-blue, medium- to coarse-grained, considerable vein calcite, minor pyrite and chert.

560-570 As above — but medium-grained.

570-580 As above.

580-590 As above.

590-600 As above — fine-grained.

600-610 Dolomite — dark-blue, fine- to medium-grained, considerable black chert and minor dark-gray chert; disseminated pyrite

610-612 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-8	No sample	
8-610	Beekmantown Formation	Ordovician
610-612	No sample	

Virginia Division of Mineral Resources  
Garnett Gatlin, Geologist  
August 17, 1964