

INTERVAL SHEET

WWCR 313

Page 1

VDMR Well No.: Well No. 1105

Date 8/3/64

Sample Interval: from 12 to 500

PROP: Rosenfeld Shopping Center #2 Total depth 500

COMP: C. R. Moore Oil Gas Water Exploratory

COUNTY: Augusta (Staunton) Cuttings Core Other

VDMR Well No: W-1105

Washed samples only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 12 *	290 - 300	-
-	-	12 - 13	300 - 310	-
-	-	13 - 20	310 - 320	-
-	-	20 - 30	312 - 315	-
-	-	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 - 100	380 - 390	-
-	-	100 - 110	390 - 400	-
-	-	110 - 120	400 - 410	-
-	-	120 - 130	410 - 420	-
-	-	130 - 140	420 - 430	-
-	-	140 - 150	430 - 440	-
-	-	150 - 160	433 - 435	-
-	-	160 - 170	440 - 450	-
-	-	170 - 180	450 - 455	-
-	-	180 - 190	450 - 460	-
-	-	190 - 200	460 - 470	-
-	-	200 - 210	470 - 480	-
-	-	210 - 220	480 - 490	-
-	-	220 - 230	490 - 500	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 280	-	-
-	-	280 - 290	-	-

* No sample

OWNER: Rosenfeld Shopping Center #2
DRILLER: C. R. Moore
COUNTY: Augusta (Staunton)

VDMR #1105
WWCR #313
TOTAL DEPTH: 500'

GEOLOGIC LOG

- 0-12 No sample.
- Beekmantown Formation (12-110')
- 12-13 Limestone — dark-gray, conchoidal fracture, microcrystalline with traces of pyrite.
- 13-20 Limestone — dark-gray, microcrystalline.
- 20-30 Limestone — dark-gray, microcrystalline and interbedded fine-grained.
- 30-40 Dolomite (weathered) — light-gray to almost white, fine-grained, calcareous, vein quartz, and calcite, intraformational breccia.
- 40-50 As above — with some light-gray, fine-grained limestone.
- 50-60 Limestone — light-gray, fine-grained, conchoidal fracture.
- 60-70 Limestone — white to medium-gray, very-fine-grained, some medium-grain.
- 70-80 Dolomite (weathered) — light-yellow to almost white; very-fine-grained with scattered coarse grains, very calcareous.
- 80-90 Dolomite — as above with very-light-gray, microcrystalline, limestone.
- 90-100 Limestone — medium-gray, microcrystalline, and interbedded, and light-gray, fine-grained, pyrite bearing.
- 100-110 Dolomitic Limestone — light-tan to light-gray, fine-grained, granular, vein calcite.
- Chepultepec Limestone (110-280')
- 110-120 Limestone — partly crystalline, light-gray to white, very-fine grained.
- 120-130 Dolomite — medium- to dark-gray, fine-grained, slightly calcareous, vein calcite.
- 130-140 Limestone — light-gray to white, very-fine-grained to microcrystalline.

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#1105

- 140-150 Limestone — as above, and limestone, very-light-gray to white, fine-grained, granular, very-fine disseminated pyrite.
- 150-160 Limestone — dolomitic, medium-gray, fine-grained, and light-tan, fine-grained, granular.
- 160-170 Limestone — dark to light-gray, very-fine to fine-grained, slightly granular, also some pellet structure present.
- 170-180 Limestone — dark-gray, fine-grained.
- 180-190 Limestone — very-light-gray, very-fine-grained, trace of disseminated pyrite.
- 190-200 Limestone — dark-gray, fine-grained.
- 200-210 As above.
- 210-220 As above.
- 220-230 Limestone — light-gray, fine-grained to microcrystalline, some pellet structure present.
- 230-240 Limestone — very-light-gray to white to light-reddish-tan, very-fine-grained, some vein quartz.
- 240-250 Limestone — medium-gray, fine-grained with pellets structure, slightly dolomitic.
- 250-260 As above.
- 260-270 As above — weathered zone.
- 270-280 Limestone — medium- to dark-gray, fine-grained.
- Cononcocheague Limestone (280-500')
- 280-290 Dolomitic Limestone — medium-gray, fine-grained; occasional patch coarsely crystallized calcite.
- 290-300 As above — very minor pink calcite vein.
- 300-310 Limestone — medium-gray to pink-buff, very-fine-grained, interbedded.
- 310-320 As above — less pink.

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#1105

- 312-315 Limestone — tan, light-gray, subconchoidal fracture; minor light-gray chert, and pale-red-brown siltstone. Driller reports water zone.
- 320-330 Limestone — medium-light-gray, fine-grained; minor buff limestone.
- 330-340 Limestone — light-gray to almost white, dense and fine-grained; minor portion with moderate amount medium-sized quartz sand; trace pyrite.
- 340-350 As above — darker, medium-gray; less pyrite.
- 350-360 Limestone — light-gray, fine-grained; finely bedded; shaly; trace pyrite.
- 360-370 Limestone — medium-gray, fine-grained, subconchoidal fracture.
- 370-380 Limestone — pale-pink-gray, fine-grained, subconchoidal fracture; minor calcareous, red-brown siltstone.
- 380-390 Limestone — light-gray to pale-red-brown, fine-grained, dense, subconchoidal fracture; very minor limestone with moderate amount rounded medium quartz sand.
- 390-400 Calcareous Siltstone and Sandstone — pale-yellow, yellow-brown to pink and moderate-red; vein calcite; coarse sand in pale-yellow and pink portions.
- 400-410 Limestone — very-pale-red-brown, fine-grained; subconchoidal fracture.
- 410-420 Limestone — medium-gray, fine-grained; minor pale-red-brown silty limestone; trace pale-pink siltstone lamina.
- 420-430 Silty Limestone — pale-red-brown, fine-grained; minor fine-to coarse-sand; small amounts dark-gray, dense, dolomitic limestone.
- 430-440 As above — yellower.
- 433-435 As above.
- 440-450 As above — more dark-gray dolomitic limestone.
- 450-455 As above — driller reports water zone.

OWNER: Rosenfeld Shopping Center #2

#1105

- 450-460 Limestone -- very-light-gray to dark-gray; fine-grained; minor orange-brown, calcareous siltstone and mudstone; light-gray chert; quartz vein with rhombohedral casts.
- 460-470 As above -- no veins.
- 470-480 As above -- coarse-sand in light-gray-limestone; no chert; one fragment shows fine-bedding.
- 480-490 As above.
- 490-500 As above -- siltstones are sandy.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-12	No sample	
12-110	Beekmantown Formation	Ordovician
110-280	Chepultepec Limestone	Ordovician
280-500	Cononcocheague Limestone	Cambrian

Virginia Division of Mineral Resources
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