

INTERVAL SHEET

WWCR 496

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VDMR Well No.: Well No. 1278

Date 3/9/65

Sample Interval: from 0 to 450

PROP: Carl Chandler

Total depth 511

COMP: Sydnor Pump & Well Co.

Oil  Gas  Water  Exploratory

COUNTY: Rockingham (Harrisonburg)

Cuttings  Core  Other

VDMR Well No: W-1278

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 20	-	-
-	-	20 - 35	-	-
-	-	35 - 50	-	-
-	-	50 - 65	-	-
-	-	65 - 80	-	-
-	-	80 - 95	-	-
-	-	95 - 110	-	-
-	-	110 - 125	-	-
-	-	125 - 140	-	-
-	-	140 - 155	-	-
-	-	155 - 170	-	-
-	-	170 - 185	-	-
-	-	185 - 200	-	-
-	-	200 - 215	-	-
-	-	215 - 230	-	-
-	-	230 - 245	-	-
-	-	245 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 285	-	-
-	-	285 - 300	-	-
-	-	300 - 315	-	-
-	-	315 - 330	-	-
-	-	330 - 390	-	-
-	-	390 - 410	-	-
-	-	410 - 420	-	-
-	-	420 - 450	-	-
-	-	450 - 511 No sample	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: Carl P. Chandler  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Rockingham (Harrisonburg)

VDMR #1278  
WWCR #496  
TOTAL DEPTH: 511'

GEOLOGIC LOG

Alluvium (0-50')

- 0-20           Boulders — several types of limestone, some dolomite, and a small amount of chert.
- 20-35           As above.
- 35-50           Boulders — limestones, dolomite, and abundant dolomite-bearing chert (greenish-brown and fresh to yellow and weathered, cavernous).

Beekmantown Formation (50-450')

- 50-65           Limestone and Dolomite — light-gray to buff, very-fine-grained limestone; dark-gray, fine- to medium-grained dolomite; small amount vein calcite.
- 65-80           Limestone and Dolomite — light-gray to buff, very-fine- to fine-grained limestone; gray to dark-gray, medium-grained, slightly argillaceous dolomite with some calcite veins.
- 80-95           Dolomite — dark-gray, medium-grained, slightly argillaceous.
- 95-110          Limestone and Dolomite — light-gray to buff, very-fine-grained limestone; dark-gray, medium-grained; slightly argillaceous dolomite with some calcite veins; subordinate amount of greenish-brown chert.
- 110-125         As above.
- 125-140         As above — but predominantly dolomite.
- 140-155         Dolomite and Chert — brownish-gray to dark-gray, medium-grained dolomite with some calcite veins; moderate amount of black chert.
- 155-170         Dolomite — dark-gray to buff, medium-grained, with some calcite veins.
- 170-185         Dolomite — light- to medium-gray, medium- to coarse-grained; some calcite veins.
- 185-200         As above.
- 200-215         As above.

OWNER: Carl P. Chandler

#1278

- 215-230 Dolomite — light- to medium-gray, medium- to coarse-grained; some calcite veins.
- 230-245 As above — but with small amount black chert.
- 245-260 Dolomite — gray- to dark-gray, fine- to medium-grained; veins of calcite and of greenish gray chert.
- 260-270 Dolomite and Limestone — brownish-gray to dark-gray, fine- to coarse-grained dolomite; small amount of buff, very fine-grained limestone; abundant vein calcite; some black chert; some partings of brownish orange, non-calcareous shale with dendrites.
- 270-285 As above.
- 285-300 Dolomite and Limestone — gray to dark-gray, medium-grained, dolomite; gray (fresh) to buff (weathered) very-fine-grained limestone with brown iron dendrites on weathered surfaces.
- 300-315 Dolomite — dark-gray, fine-grained; small amount of gray, buff-weathering limestone; small amount vein calcite; trace of pyrite.
- 315-330 As above.
- 330-390 Dolomite — dark-gray, fine-grained, with small amounts of pyrite and black chert.
- 390-410 As above.
- 410-420 Dolomite — dark-gray, very-fine-grained; some vein calcite and finely divided pyrite.
- 420-450 As above — but slightly coarser grained, slightly more pyritic.
- 450-511 No samples.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-50	Alluvium	Recent (?)
50-450	Beekmantown Formation	Lower Ordovician
450-511	No sample	

Virginia Division of Mineral Resources  
 Robert H. Teifke, Geologist  
 March 23, 1965