

INTERVAL SHEET

WWCR 193

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VDMR Well No.: Well No. 978

Date 3/30/64

Sample Interval: from 0 to 700

PROP: G. Bowman

Total depth 700

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Shenandoah (Mt. Clifton)

Cuttings Core Other

VDMR Well No: W-978

Washed samples - only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 15	450 - 465	-
-	-	15 - 30	465 - 480	-
-	-	30 - 45	480 - 495	-
-	-	45 - 60	495 - 510	-
-	-	60 - 75	510 - 525	-
-	-		525 - 540	-
-	-	75 - 90	540 - 555	-
-	-	90 - 105	555 - 570	-
-	-	105 - 120	570 - 585	-
-	-	120 - 135	585 - 600	-
-	-	135 - 150	600 - 615	-
-	-	150 - 165	615 - 630	-
-	-	165 - 180	630 - 645	-
-	-	180 - 195	645 - 660	-
-	-	195 - 210	660 - 675	-
-	-	210 - 225	675 - 690	-
-	-	225 - 240	690 - 700	-
-	-	240 - 255	-	-
-	-	255 - 270	-	-
-	-	270 - 285	-	-
-	-	285 - 300	-	-
-	-	300 - 315	-	-
-	-	315 - 330	-	-
-	-	330 - 345	-	-
-	-	345 - 360	-	-
-	-	360 - 375	-	-
-	-	375 - 390	-	-
-	-	390 - 405	-	-
-	-	405 - 420	-	-
-	-	420 - 435	-	-
-	-	435 - 450	-	-

OWNER: Gordon Bowman #2
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Shenandoah

VDMR #978
WWCR: 193
TOTAL DEPTH: 700'

GEOLOGIC LOG

- 0-15 Dolomite — light- to dark-gray, fine- to coarse-grained, some weathered surfaces; vein dolomite.
- 15-30 As above — lighter color.
- 30-45 Dolomite — black, gray, and white, medium- to coarse-grained; staining; vein dolomite.
- 45-60 As above.
- 60-75 As above.
- 75-90 As above.
- 90-105 As above.
- 105-120 Dolomite — black to gray, medium- to coarse-grained; vein dolomite.
- 120-135 As above — considerable amount of staining.
- 135-150 Dolomite — bluish-black, coarse-grained, vein dolomite.
- 150-165 As above — minor pyrite.
- 165-180 As above.
- 180-195 Dolomite — bluish-black, coarse-grained; pyrite; dark-gray chert; vein dolomite.
- 195-210 As above — with fracture surfaces showing the action of ground water; clay particles.
- 210-225 As above — except fresh fracture surfaces.
- 225-240 As above.
- 240-255 As above.
- 255-270 Dolomite — black to gray, coarse-grained; dark-gray chert; pyrite; vein dolomite.
- 270-285 As above.
- 285-300 As above.

OWNER: Gordon Bowman #2

#978

- 300-315 Dolomite — black to gray, coarse-grained; pyrite; vein dolomite.
- 315-330 As above.
- 330-345 Dolomite — black to gray, coarse-grained; pyrite; vein dolomite.
- 345-360 As above.
- 360-375 As above.
- 375-390 As above.
- 390-405 As above.
- 405-420 Dolomite — black to gray, coarse-grained; pyrite; vein dolomite.
- 420-435 As above.
- 435-450 As above.
- 450-465 As above.
- 465-480 Dolomite — black to gray, coarse-grained; rounded quartz grains embedded in the dolomite, pyrite; vein dolomite; clear.
- 480-495 Dolomite — black- to light-gray, black is coarse-grained; light-gray is fine-grained; pyrite; vein dolomite.
- 495-510 As above.
- 510-525 Dolomite — black to gray, coarse-grained; replacement breccia of white vein dolomite replacing gray vein dolomite.
- 525-540 As above.
- 540-555 Dolomite — black to gray, coarse-grained; black to gray chert; pyrite.
- 555-570 As above.
- 570-585 As above — no chert.
- 585-600 As above.
- 600-615 As above.

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#978

615-630 Dolomite — black to gray, coarse-grained, pyrite; vein dolomite.
630-645 As above.
645-660 As above — with black shaly bands.
660-675 As above.
675-690 As above.
690-700 Dolomite — black to gray, coarse-grained; pyrite, increase of black shaly bands.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Beekmantown Formation

Ordovician

Virginia Division of Mineral Resources
Garnett Gatlin, Geologist
September 4, 1964