

INTERVAL SHEET

WWCR 488

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VDMR Well No.: Well No. 1134

Date 9/4/64

Sample Interval: from 9 to 353

PROP: N. J. Heatwole

Total depth 353

COMP: C. R. Moore

Oil Gas Water Exploratory

COUNTY: Rockingham (Harrisonburg) Cuttings Core Other

VDMR Well No: W-1134

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 9	No sample	-
-	-	9 - 10	310 - 320	-
-	-	10 - 20	320 - 330	No sample -
-	-	20 - 30	330 - 340	-
-	-	30 - 40	340 - 350	-
-	-	40 - 50	350 - 353	-
-	-	50 - 60	-	-
-	-	60 - 70	-	-
-	-	70 - 80	-	-
-	-	80 - 90	-	-
-	-	90 - 100	-	-
-	-	100 - 110	-	-
-	-	110 - 120	-	-
-	-	120 - 130	-	-
-	-	130 - 140	-	-
-	-	140 - 150	-	-
-	-	150 - 160	-	-
-	-	160 - 170	-	-
-	-	170 - 180	-	-
-	-	180 - 190	-	-
-	-	190 - 200	-	-
-	-	200 - 210	-	-
-	-	210 - 220	-	-
-	-	220 - 230	-	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 280	-	-
-	-	280 - 290	-	-
-	-	290 - 300	-	-
-	-	300 - 310	-	-

OWNER: Nelson J. Heatwole
DRILLER: C. R. Moore (O. V. G.)
COUNTY: Rockingham (Harrisonburg)

VDMR #1134
WWCR #488
TOTAL DEPTH: 353'

GEOLOGIC LOG

- 0-9 No sample.
- Elbrook Formation (9-353')
- 9-10 Dolomite — medium-gray and very-light-gray, very-fine-grained, dolomite and calcite, minor vein calcite.
- 10-20 Dolomite — light-gray and buff and dark-gray, fine-grained, dolomite and calcite, minor vein calcite; the buff material is shaly with sand.
- 20-30 Dolomite — very-light-gray fine-grained, minor darker dolomite.
- 30-40 As above — increase of dark dolomite.
- 40-50 Dolomite — very-dark-gray and white, fine-grained, white calcite, minor pyrite.
- 50-60 As above — with calcite crystals scattered throughout, no pyrite.
- 60-70 As above.
- 70-80 As above — less calcite, minor pyrite.
- 80-90 Dolomite — very-dark-gray, and light-gray, fine-grained; calcite, minor pyrite.
- 90-100 As above — no light-gray, less calcite.
- 100-110 As above — with buff color thin shaly bed containing quartz, feldspar, and calcite in addition to dolomite.
- 110-120 As above — no shaly layers.
- 120-130 Dolomite — medium-dark-gray, fine-grained to coarse-grained; calcareous, shaly areas, vein calcite and minor pyrite.
- 130-140 As above — no shaly areas.
- 140-150 As above.
- 150-160 As above.
- 160-170 Dolomite — medium-gray, fine-grained, scattered calcite crystals.
- 170-180 As above.

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- 180-190 Dolomite — medium-gray, fine-grained, calcite crystals; about 50% of sample is a buff, fine-grained siltstone with calcite, dolomite, quartz, and feldspar.
- 190-200 Dolomite — dark-gray, fine-grained, dolomite and calcite, vein calcite; about 25% of sample is buff siltstone.
- 200-210 Dolomite — medium-dark-gray, fine-grained, with vein calcite.
- 210-220 Calcareous Dolomite — medium-gray, fine-grained, very minor pyrite; minor buff silty material.
- 220-230 Dolomite — dark-gray, fine-grained, minor pyrite and calcite.
- 230-240 As above — with minor amount light-gray dolomite.
- 240-250 Dolomitic Limestone — medium-gray and dark-gray, fine-grained, minor pyrite; 1/4 sample is buff, shaly limestone, calcite, sericite, and clay.
- 250-260 Dolomite — medium-dark-gray fine-grained, calcite, very minor pyrite; minor light-gray, calcareous, shaly material.
- 260-270 Calcareous Dolomite — medium-gray, fine-grained, vein calcite, minor pyrite.
- 270-280 As above.
- 280-290 Dolomite — dark-gray, fine-grained, calcite, vein calcite, minor pyrite.
- 290-300 Calcareous Dolomite — medium-gray, fine-grained, vein calcite; about 1/5 of the sample is a buff, shaly, silty dolomite.
- 300-310 Dolomite — medium-dark-gray, vein calcite, very minor pyrite.
- 310-320 Calcareous Dolomite — dark-gray, fine-grained, minor pyrite, vein chlorite.
- 320-330 No sample.
- 330-340 Calcareous Dolomite — dark-gray, fine-grained, about 1/4 of the sample is a buff, calcareous, shaly siltstone; and 1/4 is a light-gray to buff limestone with vein calcite. There is a minor amount of black dolomite containing an abundance of rounded calcite pebbles.
- 340-350 As above.

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350-353 Limestone — dark-gray, fine-grained, dolomite; about 1/7 of the sample is a buff, shaly limestone.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-9	No sample	
9-353	Elbrook Formation	Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
November 12, 1964