

INTERVAL SHEET

WWCR 65

Page 1

VDMR Well No.: Well No. 1240

Date 1/29/65

Sample Interval: from 0 to 310

PROP: T. R. Patterson
Well #2

Total depth 310

COMP: L. Lehw

Oil ___ Gas ___ Water X Exploratory ___

COUNTY: Warren (Front Royal)

Cuttings X Core ___ Other ___

VDMR Well No: W-1240

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 20	No sample	-
-	-	20 - 30		-
-	-	30 - 40		-
-	-	40 - 50		-
-	-	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 - 220	No sample	-
-	-	220 - 230		-
-	-	230 - 240		-
-	-	240 - 250		-
-	-	250 - 260		-
-	-	260 - 285	No sample	-
-	-	285 - 295		-
-	-	295 - 305		-
-	-	305 - 310		-
-	-	310 -		-

OWNER: T. R. Patterson
DRILLER: Lehew Drilling Company
COUNTY: Warren (Front Royal)

VDMR #1240
WWCR #65
TOTAL DEPTH: 310'

GEOLOGIC LOG

0-20 No sample.

Beekmantown Formation (20-310')

20-30 Limestone — medium-dark-gray to dark-gray, fine-grained,
dense, fissile; minor light-brown clay; trace fossil material.

30-40 As above — minor oolites.

40-50 As above.

50-60 As above — more clay.

60-70 Limestone — medium-light to medium-dark gray, medium-
to coarse-grain crystalline.

70-80 As above.

80-90 Limestone — light- to medium-gray, very finely crystalline,
a small portion of the sample has been brecciated and re-
cemented with white calcite; slightly fossiliferous.

90-100 Limestone — medium-gray, very-fine-grained, subconchoidal,
fracture; strings and patches of clear calcite.

100-110 As above — minor detrital limestone.

110-120 As above.

120-130 Dolomitic Limestone — medium-gray, finely crystalline,
minor white calcite veins.

130-140 Calcareous Dolomite — medium-light gray, fine-grained,
poorly developed stylolites with pyrite.

140-150 As above.

150-160 As above — a small portion of sample is finely brecciated
and recrystallized.

160-170 Dolomite — light-gray, minor dark-gray; finely crystalline;
irregular streaks and patches of coarse calcite.

OWNER: T. R. Patterson

#1240

- 170-180 Calcareous Dolomite — medium-light-gray, fine-grained, shiny dark-gray partings, trace pyrite.
- 180-190 Dolomite — medium-gray, finely crystalline; streaks and patches of calcite.
- 190-200 Dolomite — medium-gray, fine-grained, dense; minor veins of calcite; trace pyrite; minor black shaly partings.
- 200-220 No sample.
- 220-230 Calcareous Dolomite — medium-gray, very finely crystalline; tiny calcite veins; minor orange clay.
- 230-240 As above — slightly lighter color.
- 240-250 As above — subconchoidal fracture in part.
- 250-260 Dolomite — medium-light-gray, finely crystalline; pyritic, black stylolites; minor vein of calcite.
- 260-285 No sample.
- 285-295 Dolomite — medium-gray, finely crystalline; very minor calcite vein; trace aphanitic light-gray limestone.
- 295-305 Limestone — dark-gray and light-gray; fine-grained; light orange-brown calcareous clay.
- 305-310 Limestone — dark-gray, brownish, very finely crystalline, minor dense aphanitic, subconchoidal limestone, minor calcite vein.
- 310 Limestone — light- to medium-gray, very-fine-grained; subconchoidal in part; minor calcite vein, trace pyrite.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
0-20	No sample
20-310	Beekmantown Formation Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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