

INTERVAL SHEET

WWCR 65

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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. Lehew

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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