

INTERVAL SHEET

WWCR 81

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VDMR Well No.: Well No. 1313

Date 5/25/65

Sample Interval: from 20 to 378

PROP: Foley Construction Co.

Total depth 378

COMP: R. L. Obenchain

Oil Gas Water Exploratory

COUNTY: Botetourt (Troutville)

Cuttings Core Other

VDMR Well No: W-1313

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 20	No sample	-
-	-	20 - 30	310-320	-
-	-	30 - 40	320-330	-
-	-	40 - 50	330-340	-
-	-	50 - 60	340-350	-
-	-	60 - 70	350-360	-
-	-	70 - 80	360-370	-
-	-	80 - 90	370-378	-
-	-	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: Foley Construction Company
DRILLER: R. L. Obenchain
COUNTY: Botetourt (Troutville)

VDMR #1313
WWCR #81
TOTAL DEPTH: 378'

GEOLOGIC LOG

- 0-20 No sample.
- Beekmantown Formation (20-378')
- 20-30 Limestone — brownish medium-gray, very-fine-grained; white calcite veins; black stylolites, minor pyrite and chert.
- 30-40 Dolomite — medium- to light-gray, medium- to coarse-crystalline.
- 40-50 As above — minor veins of white dolomite.
- 50-60 As above — traces of chert and pyrite.
- 60-70 As above.
- 70-80 Limestone — medium-gray, slightly brownish, aphanocrystalline, minor veins of white calcite, minor pyrite.
- 80-90 Dolomite — medium-gray, medium-crystalline, minor pyrite.
- 90-100 Limestone — medium-gray, slightly brown, aphanocrystalline; vein calcite, black, pyritized stylolites; minor medium- to light-gray, medium-crystalline dolomitized patches and veins; slightly fossiliferous.
- 100-110 As above.
- 110-120 Dolomitic Limestone — medium- to light-gray aphanogranular to medium-crystalline, finer-grained material is slightly brown; minor pyrite, slightly fossiliferous.
- 120-130 As above — minor black pyritiferous fragments.
- 130-140 Dolomitic Limestone — medium- to light-gray, finely-crystalline, minor black pyritiferous stylolites.
- 140-150 As above.
- 150-160 Dolomitic Limestone — light, medium, and dark-gray; medium-crystalline to aphanogranular; the darker limestone is argillaceous and carbonaceous.
- 160-170 As above — less dark limestone.
- 170-180 As above.

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- 180-190 Calcareous Dolomite — medium- to light-gray, fine- to medium-crystalline; minor pyrite.
- 190-200 Dolomite — medium-gray, medium-crystalline, black stylolites, minor pyrite and calcite.
- 200-210 As above — coarser grained.
- 210-220 As above.
- 220-230 As above.
- 230-240 As above.
- 240-250 As above.
- 250-260 As above — with medium-gray chert.
- 260-270 Dolomite — medium-gray, coarse- to medium-crystalline, black stylolites with pyrite, minor calcite patches.
- 270-280 As above.
- 280-290 As above.
- 290-300 As above.
- 300-310 As above — minor light-gray chert.
- 310-320 As above — no chert; minor brownish, aphanogranular limestone.
- 320-330 As above — no limestone; minor buff-colored dolomite.
- 330-340 Chert — nearly white, very-fine-grained; minor pyrite, trace calcite and dolomite.
- 340-350 Calcareous Dolomite — light to medium-gray, fine to medium-crystalline; trace pyrite, stylolites.
- 350-360 As above — finer-grained.
- 360-370 Dolomite — medium-gray fine to medium-crystalline, minor pyrite.
- 370-378 Dolomite — medium-gray, coarsely-crystalline, white veins of dolomite, trace iron-oxide stain; minor cream-colored, fine-grained dolomite.

OWNER: Foley Construction Company

#1313

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-20	No sample	
20-378	Beekmantown Formation	Lower Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
June 2, 1965