

INTERVAL SHEET

WWCR 882

Page 1

VDMR Well No.: Well No. 857

Date 6/25/63

Sample Interval: from 0 to 280

PROP: Montvue Subdiv. #2

Total depth 372

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Albemarle (Charlottesville) Cuttings Core Other

VDMR Well No: W-857

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	270 - 280	-
-	-	10 - 15	280 - 372 No sample	-
-	-	15 - 20	-	-
-	-	20 - 30	-	-
-	-	30 -	-	-
-	-	30 - 40	-	-
-	-	40 - 50	-	-
-	-	50 - 60	-	-
-	-	60 - 70	-	-
-	-	70 - 80	-	-
-	-	80 - 90	-	-
-	-	90 - 100	-	-
-	-	100 - 110	-	-
-	-	110 - 115	-	-
-	-	115 - 120	-	-
-	-	120 - 130	-	-
-	-	130 - 140	-	-
-	-	140 - 150	No sample	-
-	-	150 - 160	-	-
-	-	160 - 170	-	-
-	-	170 - 180	-	-
-	-	180 - 190	-	-
-	-	190 - 200	-	-
-	-	200 - 210	-	-
-	-	210 - 220	-	-
-	-	220 - 230	-	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-

OWNER: Sydnor Pump & Well Co., Inc.
(Montvue Subdivision #2)
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Albemarle

VDMR #857
WWCR #882
TOTAL DEPTH: 372'

GEOLOGIC LOG

Overburden (0-30')

- 0-10 Overburden — tan, medium-grained, angular to subrounded, quartz, feldspar, minor biotite, muscovite and kaolin.
- 10-15 As above.
- 15-20 As above.
- 20-30 As above (increasing muscovite and decreasing biotite), (X-ray analysis: Quartz 45%, biotite 25%, potassic feldspar 20%, plagioclase 10%).
- 30 Overburden — light-yellowish-tan, medium-grained, subangular to rounded, quartz (possibly an unrelated sample misplaced).

Lovingston Gneiss (30-280')

- 30-40 Gneiss — gray, medium-grained, quartz, feldspar, biotite, some muscovite, (X-ray analysis: Quartz 35%, potassic feldspar 20%, biotite 20%, plagioclase 15%, muscovite 10%).
- 40-50 As above (less biotitic).
- 50-60 As above.
- 60-70 As above.
- 70-80 As above.
- 80-90 As above.
- 90-100 Gneiss — gray, medium-grained, quartz, feldspar, muscovite, minor biotite, and traces of kaolin.
- 100-110 As above.
- 110-115 As above.
- 115-120 As above.
- 120-130 As above (with trace of pyrite).
- 130-140 As above (no pyrite).

OWNER: Sydnor Pump & Well Co., Inc. (Montvue Subdivision #2) #857

140-150	No sample.
150-160	Gneiss — gray, medium-grained, quartz, feldspar, muscovite, minor biotite.
160-170	As above.
170-180	As above.
180-190	As above.
190-200	As above.
200-210	Gneiss — gray, medium-grained, quartz, feldspar, muscovite, minor biotite.
210-220	As above.
220-230	As above.
230-240	As above.
240-250	As above.
250-260	As above (with traces of pyrite).
260-270	As above (no pyrite).
270-280	As above (X-ray analysis: Quartz 30%, potassic feldspar 30%, biotite 15%, muscovite 10%).
280-372	No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-30	Overburden	Quaternary
30-280	Lovingston gneiss	Precambrian
280-372	No sample	

Virginia Division of Mineral Resources
Villard S. Griffin, Jr., Geologist
July 15, 1964