

INTERVAL SHEET

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Date 2-1-63

PROP: S. W. SWOPE #2
COMP: SYDNOR
COUNTY: ROCKINGHAM
COUNTY: (HARRISONBURG)
VDMR WELL NO.: W-784

WELL NO. 784, WWCR 434

VDMR Well No.:

Sample Interval: from 0 to 265

Total depth 271

Oil Gas Water Exploratory

Cuttings Core Other

FROM: From-to	TO: From-to	From-To	From-To	From-To
-	0 - 15	-	-	-
-	15 - 30	-	-	-
-	30 - 45	-	-	-
-	45 - 60 NO SAMPLE	-	-	-
-	60 - 85	-	-	-
-	85 - 100	-	-	-
-	100 - 115	-	-	-
-	115 - 130	-	-	-
-	130 - 145	-	-	-
-	145 - 160	-	-	-
-	160 - 175	-	-	-
-	175 - 190	-	-	-
-	190 - 205	-	-	-
-	205 - 220	-	-	-
-	220 - 235	-	-	-
-	235 - 250	-	-	-
-	250 - 265	-	-	-
-	265 - 271 NO SAMPLE	-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-
-		-	-	-

WASHED SAMPLES
Complete set of
sampled intervals

OWNER: S. W. Swope Well No. 2
DRILLER: Sydnor Pump & Well Co.
COUNTY: Rockingham (Harrisonburg)

VDMR # 784
WWCR # 434
TOTAL DEPTH : 271

GEOLOGIC LOG

0-15 Overburden - white to buff, very fine grained, sandy calcareous, some calcite fragments, trace of red siltstone (top of bedrock in this interval)

15-30 Dolomite - light to medium gray, finely crystalline, hard, minor calcite

30-45 Dolomite - dark gray, silty, hard, some light gray dolomite, calcite, and fine silt, trace of chert (X-ray analysis: 90% dolomite 5% quartz, 5% calcite)

60 Dolomite - light gray, finely crystalline, hard, small calcite veinlets

85 Dolomite - medium gray, interbedded with dark gray dolomite, small calcite seams and fragments

100 Dolomite - light gray, finely crystalline, hard, dense

115 Dolomite - light gray, medium crystalline, hard, minor calcite

130 Dolomite - medium gray, finely crystalline, minor calcite seams, trace chert (X-ray analysis: 90% dolomite, 5% calcite, 5% quartz)

145 As above

160 As above

175 Dolomite - medium gray, finely crystalline, hard, trace chert

175-190 Dolomite - light gray, silty, some calcite

190-205 As above

205-220 Dolomite - dark gray, finely crystalline, hard, some calcite, trace of pyrite (X-ray analysis: 90% dolomite, 5% calcite, 5% quartz)

220-235 Dolomite - dark gray, trace of chlorite and garnet

OWNER: S. W. Swope Well No. 2 (continued)

#784

235-250	Dolomite - dark gray, fine to medium crystalline, some calcite
250-265	Dolomite - light gray, finely crystalline, minor calcite, trace of chert
265-271	No sample

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Ordovician	Beekmantown formation

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
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