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Date rec'd: September 13, 1965

PROP: W. L. Smith

COMP: Sydnor Pump & Well Company

COUNTY: Rockingham (Bridgewater)

VDMR Well No: 1356

Sample Interval: from 2 to 226

Number of samples:

Total Depth: 226

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
2- 18 18- 46 46- 61 61- 76 76- 91	-	- - -	= - = -
91- 106 106- 121 121- 136 136- 151 151- 166	- - - - -	- - - -	= - - -
166_ 181 181- 196 196- 211 211- 226	-	- - - -	
- - - -	- - -	- - - -	
- - - -	-	- - - -	= = - -
- - - -		- - -	- - - -

OWNER:

Wayne L. Smith

DRILLER: Sydnor Pump & Well Company

COUNTY:

Rockingham (Bridgewater)

VDMR: 1356

WWCR: 520 TOTAL DEPTH: 2261

GEOLOGIC LOG

Depth in feet

0 - 2	No samples.		
2- 18	Shale — gray-to-dark-gray, calcareous; light-yellow-tan, clay.		
18- 46	Shale — dark-gray, very calcareous, fossiliferous; dark-gray, medium crystalline, argillaceous, fossiliferous lime-stone; some clay.		
46- 61	Shale — gray-to-dark-gray, some calcite crystals, some clay		
61- 76	Shale — gray-to-dark-gray, very calcareous, few calcite crystals; dark-gray, finely crystalline, very argillaceous limestone.		
76- 91	with some black chert.		
91-106	Limestone — dark-gray, very argillaceous, finely crystalline.		
106-121	slight increase of calcite crystals.		
121-136	large increase of calcite crystals.		
136-151	no calcite.		
151-166	few calcite crystals.		
166-181	Tre .		
181-196	m .		
196-211	few calcite crystals.		
211-226	" moderate amount of calcite crystals.		

GEOLOGIC SUMMARY

Rock Unit Age

0- 2 No samples

2-226 Martinsburg Formation Ordovician

Virginia Division of Mineral Resources Warren J. Souder, Geologist June 1966