I	NTERVAL SHEET	
Page	VDMR Well No .: WELL NO. 901 WWCR	280
Date 10/18/63	Sample Interval: from 45 to 138	
PROTOP: NEW HOPE METHODIS	170	
CHURCH COMP: SYDNOR COUNTY: AUGUSTA COUNTY: (NEW HOPE)	OilGasWaterExploratory	
VDMR WELL NO: W-901	CuttingsCoreOther	
From ROM: From OIO	From-To From-To From-To - Insufficient quantity - I material - to wash, -	
- 45-	- I noufficient friantily -	
- 50-	of material to wach, -	
75		
90		
- 105-		
/38		
<u> </u>		
Trans.		
~ -		

OWNER: New Hope Methodist Church DRILLER: Sydnor Pump & Well Co. COUNTY: Augusta (New Hope) VDMR # 901 WWCR # 280 TOTAL DEPTH : 138'

GEOLOGIC LOG

45	falls apart under Hart. ⁴²⁾ Black - dark grey chert drips and badly weathered silty chips.
50	Light to medium grey microcrystalline dolomite with calcite veins, some minor buff colored dolomite, with pyrite; common iron oxide staining. Minor limestone - light to dark grey, hard, no apparent fossil content, microcrystalline, rare pyrite and common calcite.
60	Dove grey, crytocrptalline, limestone. High calcium type, reacts strongly to HCl, common calcite and abundant fine-grained quartz with; common iron oxide staining.
75	Dark grey, microcrystalline limestone with white calcite veins.
90	Dove grey, cryptocrystalline limestone with some light grey, and buff-colored dolomite. Wilson(1963) saw brachiopod fragments. I did not.
105	Dark-grey limestone, buff dolomite, with a phyllite or weathered dol.chip with pyrite cubes in it, cryptocrystalline to microcrystalline, with common calcite and abundant iron

138

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Dove grey, microcrystalline limestone with some medium grey dolomite, with abundant calcite and iron staining.

GEOLOGIC SUMMARY

AGE

oxide staining.

Ordovician

ROCK UNIT

Beekmantown (upper part)

Virginia Division of Mineral Resources John L. Sullivan - Geologist November 22, 1976