INTERVAL SHEET

age 1			VDMR WELL NO.: 783 WWCR # 432	
Date 1/3	1/63		Sample Interval: from O to	160
PROP:	Chas. Koogler #3		Total Depth 163	
COMP:	Sydnor		OilGasWater_X_Explor	atory
COUNTY:	Rockingham (Bridgewater)		Cuttings X Core Other	
From-To	From-To	From-T	Washed Samples To From-To Fro	m-To
			Complete set of	
-	0 - 15	-	sampled intervals	-
-	15 - 70 no sample			-
_	- 70 70 - 85	_	2	_
_	85 - 100	_	<u> </u>	-
	100 115			
	110			
-	115 - 130	-	-	-
-	130 - 145	-	-	-
-	145 - 160	-	*	-
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OWNER: Charles G. Koogler No. 3
DRILLER: Sydnor Pump & Well Co.
COUNTY: Rockingham (Bridgewater)

VDMR # 783 WWCR # 432 TOTAL DEPTH : 163

GEOLOGIC LOG

0-15	Clay - tan, silty, with traces of black silty shale		
15-70	No samples (top of bedrock in this interval)		
70	Shale - black, carbonaceous, silty, fairly soft, trace of yellow very fine grained sandstone		
70-85	As above		
85-100	Shale - black, carbonaceous, silty, moderately fissile, soft, trace of yellow sandstone and calcite		
100-115	Shale - black, carbonaceous, silty, some fragments cemented together, considerable calcite		
115-130	Shale - black, carbonaceous, silty, interbedded with minor amount of dark gray limestone		
130-145	As above		
145-160	Shale - black, silty, carbonaceous, some dark gray limestone and traces of calcite and sandstone		
160-163	No sample		

GEOLOGIC SUMMARY

AGE ROCK UNIT

Ordovician Martinsburg shale

Virginia Division of Mineral Resources Laurence H. Gardner II - Geologist February 5, 1963