INTERVAL SHEET

age_ l	3	VDMR	WELL NO.: 782 WWCR	# 431	
Date	1/31/63				
PROP:	Chas. Koogler #2		l Depth 223		
COMP:	Sydnor	Oil_	GasWaterX	Exploratory	
COUNTY:	Rockingham (Bridgewater)		Cuttings X Core Other		
From-To	From-To	From-To	From-To	From-To	
-	0 _ 15	-	Insufficient		
-	15 _ 45 no sample	-	of material	to wash _	
-	_ 45	-		-	
-	45 - 60 60 - 70	-	, ,-	-	
-	00 - 70	-	-	-	
-	70 - 85	-	_	_	
-	85 - 100	-	_	-	
-	100 - 115	-	-	-	
-	115 - 130	-	-		
-	130 - 145	-	-	=	
_	145 _ 160	_			
_	160 _ 175	_	-	_	
-	175 _ 190	_	₩	-	
	190 _ 220	-	7-	-	
-	-	-	, - -	NO.	
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OWNER: Charles G. Koogler No. 2
DRILLER: Sydnor Pump & Well Co.
COUNTY: Rockingham (Bridgewater)

VDMR # 782 WWCR # 431 TOTAL DEPTH : 223 feet

GEOLOGIC LOG

0-15	Clay - buff, silty, with traces of iron-stained siltstone
15-45	No sample
45	Clay - tan to buff, silty, non-calcareous
45-60	Shale - dark gray to black, silty, calcareous, brown clay coating on fragments (top of bedrock in this interval)
60-70	Shale - light to dark gray, soft, calcareous,
70-85	Shale - dark gray to black, silty, calcareous, interbedded with some dark gray limestone
85-100	As above
100-115	As above
115-130	Shale - black, calcareous, interbedded with black silty limestone
130-145	As above
145-160	As above
160-175	Limestone - dark gray, silty, with black calcareous shale
175-190	As above
190-220	As above
220-223	No sample

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Ordovician

Martinsburg shale

Virginia Division of Mineral Resources Laurence H. Gardner II - Geologist February 6, 1963