INTERVAL SHEET

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Page	1	VDMR Well No.:	743 WWCR # 263	
Date	11-17-62	Sample Interval:	from_0_to_300	
PROP:	Sidney Bear	Total depth	303	
COMP:	Sydnor	OilGas	Water_XExploratory	
COUNTY:	Augusta (Churchville)	Cuttings_XC	oreOther	
140			Washed Samples	
From-To	From-To	From-To	From-To	From-To
-	0-10	-	-	-
-	10 - 15	-	Insufficient quar material to wash	tity of
-	15 - 30 30 - 45	-	-	2 11
-	45 - 60	-	-	-
	75 -	-	-	_
-	90-	-	-	n <u>4</u> .
· -	120-	-	-	-
	135 -	-	-	-
				_
1	150-	-	-	-
-	165 - 180	-	-	-
- *	180- 195	-	-	-
-	195 - 200	-	-	
-	210- 225	_	-	-
- 1	225 - 240	-	-	
-	240-255	-	-	-
-	200 - 270	-	-	-
-	270- 285	-	-	Ξ.
-	285-300		-	-
	-	-	_	-
-		-	-	-
-	-	-	-	2
-	-	-	-	-
-	-	-	-	-
	1 	-	-	-

OWNER:	Sidney Bear
DRILLER:	Sydnor Pump & Well Co.
COUNTY:	Augusta (Churchville)

VDMR # 743 WWCR # 263 TOTAL DEPTH : 303

GEOLOGIC LOG

0-10	Sand and gravel - yellow, rounded to subrounded quartz grains and pebbles, cherty, argillaceous, trace of iron oxide
10-15	Chert - gray, hard, cryptocrystalline, heavy trace of silica- cemented sandstone, slight trace of iron oxide
15 - 30	Dolomite - white (weathered), hard, slightly permeable and calcareous, fine grained, heavy trace of quartz and silica-cemented sandstone fragments (top of bedrock in this interval)
30-45	Limestone - light yellow, moderately hard, slightly permeable, moderately calcareous, argillaceous, 20% very fine grained silt and sand, trace of iron oxide
45-60	Limestone - yellow, hard to soft fragments, weathered, slightly permeable, highly calcareous, very argillaceous, 25% very fine grained silt and sand, trace of iron oxide
75	Clay and sand - yellow clay with very fine to medium grained, rounded quartz sand; heavy trace of weathered limestone, trace of iron oxide
90	Limestone - dark gray, hard, dense, microcrystalline, very calcareous, heavy trace of calcite vein material and weathered limestone, slight trace of iron oxide
105	Limestone - medium gray, hard, dense, microcrystalline, very calcareous, trace of calcite vein material, slight trace of iron oxide and pyrite
120	Limestone - medium gray, hard, dense, microcrystalline to very fine grained, very calcareous, oolitic, trace of calcite vein material, slight trace of iron oxide
135	Limestone - medium to dark gray, hard, dense, microcrystalline to very fine grained, very calcareous, 5% calcite vein material, trace of iron oxide
150	Limestone - light to medium gray, hard, dense, microcrystalline to very fine grained, moderately calcareous, oolitic, trace of calcite vein material, slight trace of iron oxide

OWNER: Sidney	Bear (continued)	#743
165	Limestone - light gray, hard, dense, microcrystalline grained, moderately calcareous, oolitic, sli of iron stains	e to fine .ght trace
165-180	Limestone - light gray, hard, dense, microcrystalline calcareous, slight trace of iron stains	e, moderately
180-195	Limestone - medium to dark gray, hard, dense, microcr to very fine grained, moderately calcareous, iron oxide and iron stains, slight trace of vein material	ystalline trace of calcite
195-210	Limestone - medium gray, hard, dense, microcrystallin fine grained, moderately calcareous, trace o and iron stains	ne to verv of iron oxide
210-225	Limestone - medium gray, hard, dense, microcrystallin calcareous, heavy trace of iron stains and o material	ne, moderately alcite vein
225-240	As above	
240-255	Limestone - light yellow to medium gray, hard, dense, crystalline to very fine grained, moderately argillaceous, heavy trace of iron stains	micro- calcareous,
255-27-	As above	
270-285	Limestone - medium gray, hard, dense, microcrystallir calcareous, trace of calcite vein material a	ne, moderately and iron stains
285-300	Limestone - light to medium gray, hard, dense, microc heavy trace of iron stains, slight trace of vein material	crystalline, calcite

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Cambrian

Conococheague limestone

Virginia Division of Mineral Resources Merrick S. Whitfield - Geologist January 30, 1963