

INTERVAL SHEET

WWCR 450

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VDMR Well No.: 841

Date 5/16/63

Sample Interval: from 0 to 598

PROP: East Rockingham  
Recreation Assn.

Total depth 598

COMP: Sydnor

Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water X Exploratory \_\_\_\_\_

COUNTY: Rockingham (Penn Laird)  
VDMR Well No: W-841

Cuttings X Core \_\_\_\_\_ Other \_\_\_\_\_

From-To	From-To	From-To	From-To	From-To
			WASHED SAMPLES	
-	0_47	-	0-47	-
-	47_70	-	47-70	-
-	70_93	-	70-93	-
-	93_123	-	93-123	-
-	123_153	-	123-153	-
-	153_168	-	153-168	-
-	168_190	-	168-190	-
-	190_225	-	190-225	-
-	225_250	-	225-250	-
-	250_275	-	250-275	-
-	275_300	-	275-300	-
-	300_325	-	300-325	-
-	325_348	-	325-348 No sample	-
-	348_375	-	348-375	-
-	375_400	-	375-400	-
-	400_425	-	400-425	-
-	425_450	-	425-450	-
-	450_475	-	450-475 No sample	-
-	475_500	-	475-500	-
-	500_528	-	500-528	-
-	528_550	-	528-550 No sample	-
-	550_575	-	550-575 No sample	-
-	575_595	-	575-595 No sample	-
-	595_598	-	595-598	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: East Rockingham Recreation Assoc.  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: Rockingham (Penn Laird)

VDMR # 841  
WWCR # 450  
TOTAL DEPTH : 598'

GEOLOGIC LOG

0-47	Overburden - orange, very soft, with common very coarse-grained quartz.
47-70	Dolomite - weathered, silty, light gray to light brown, moderately hard, no apparent fossil content, cryptocrystalline to microcrystalline, abundant iron oxide staining.
70-93	Dolomite - light to dark gray, hard, microcrystalline to very fine-crystalline, common calcite.
93-123	As above
123-153	As above
153-168	Dolomite - locally silty, light gray, moderately hard, cryptocrystalline to microcrystalline, rare calcite.
168-190	As above
190-225	As above
225-250	As above
250-275	As above
275-300	As above
300-325	Interbedded dolomite - as above. Limestone - silty, dark gray, hard, fossils (brachiopods), cryptocrystalline, abundant chert, abundant calcite and conchoidal fracture.
325-348	No sample
348-375	Dolomite - light to dark gray, moderately hard, no apparent fossil content, microcrystalline with; common calcite and rare carbonaceous material.
375-400	Dolomite - dark gray, moderately hard, very fine-crystalline and abundant calcite.
400-425	As above

- 425-450 Dolomite - light gray, moderately hard, no apparent fossil content, cryptocrystalline to microcrystalline with; common calcite and rare carbonaceous material and rare iron oxide staining.
- 450-475 No sample
- 475-500 Dolomite - dark gray, hard, no apparent fossil content, microcrystalline to very fine-crystalline and common calcite.
- 500-528 Dolomite - light to dark gray, moderately hard, no apparent fossil content, very fine-crystalline and rare calcite.
- 528-595 No sample
- 595-598 Chert - white to light gray, shows excellent conchoidal fracture, with stringers of; dolomite - light to dark gray, moderately hard, no apparent fossil content, microcrystalline to very fine-crystalline and rare calcite.

GEOLOGIC SUMMARYAGE

Ordovician

ROCK UNIT

Beekmantown formation

Virginia Division of Mineral Resources  
John M. Wilson - Geologist  
November 7, 1963