INTERVAL SHEET

Page 1 of 1

Date rec'd: July 7, 1966

PROP: Justin Dove

COMP: Sydnor Pump & Well Co., Inc.

COUNTY: Rockingham (Broadway)

VDMR Well No: 1647

WWCR: 561

Sample Interval: from 246 to 495

Number of samples: 17

Total Depth: 500'

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
Ne samples 246 - * 246 - 270 270 - 285	, _ _ _ _	- - - -	- - -
-	-	-	-
285 - 300* 300 - 315* 315 - 330 330 - 345	-	- - -	- - -
345 - 360		-	-
360 - 375 375 - 390 390 - 405 405 - 420*	=	- - -	- - -
420 - 435*	-	-	-
435 - 450 450 - 465* 465 - 480*	=	-	-
480 - 495*	=	-	-
_	_	_	_
-	-	_	-
=	_	=	5
-	-	-	-
=	- - -	-	-
* Unwashed	samples only.		

OWNER: Justin Dove

DRILLER: Sydnor Pump & Well Co., Inc.

COUNTY: Rockingham (Broadway)

VDMR: 1647 WWCR: 561

TOTAL DEPTH: 5001

GEOLOGIC LOG

Depth in fee	t -			
0-246	No samples			
246	few calcite veins;	black, finely crystalline, very argillaceous, some tan to white, vuggy chert and reddish-grained to silty sandstone; some light-tan shale		
246-270		um to finely crystalline, few thin calcite ates of calcite crystals, slightly silty,		
270-285	n	with numerous small, dark oolites		
285-300	and the state of t	ght-blue-gray, finely crystalline, siliceous pyrite throughout, with tan calcareous, stone		
300-315	Limestone - medium- to dark-gray, finely crystalline, slightly argillaceous, slightly silty; some calcite veins and aggregates of calcite crystals; some reddish-orange shaly, calcareous, sandstone			
315⊶330	Limestone - dark-gray, black, finely crystalline, thin-bedded, argillaceous			
330-345	Limestone - medium-light-gray-tan, finely crystalline, very sandy to silty; some whitish, medium-grained to silty quartzitic, calcareous sandstone			
345-360	Limestone - dark-gray and light-gray, medium crystalline, slightly silty, argillaceous			
360-375	11	with considerable dark-gray to light-gray, medium-grained to silty, quartzitic sandstone with few pyrite crystals		
375-390	11	with varying amounts of silt in the limestone		
390-405	н	ш		
405-420	H.	ш		
420-435	11	п		

#1647 OWNER: Justin Dove 435⊶450 Limestone - medium- to dark gray, medium to fine crystalline, argillaceous, varying amounts of silt; some medium to finegrained, calcareous, reddish-orange sandstone 450-465 fairly argillaceous and no sandstone 465-480 with some medium-gray finely crystalline limestone 480-495 11 and few dark oolites 495-500 No samples

GEOLOGIC SUMMARY

	Rock Unit	Age
0-246	No samples	
246-495	Conococheague Formation	Cambrian
495-500	No samples	

Virginia Division of Mineral Resources Warren J. Souder, Geologist July 1966