INTERVAL SHEET

Page 1		VD	MR Well No	.: <u>Well No</u>		WCR 480
Date 6/8/64		Sa	mple Inter	val: from_	0to	150
PROP: John O. Ga	rdner	То	tal depth_	161		
COMP: Sydnor		Oi	1Gas	Water_X	_Explorato	ry
COUNTY: Rockinghan	n (Bridgewater)	Cu	ttings_X	Core	Other	
VDMR Well No: W	-1037	W	ashed sam	ples - on	ly	
From-To F	rom-To	From	-To	From-1	Ĩo	From-To
-	_	0 -	15	-		-
-		15 -	30	-		. <del></del>
-	-	30 -		-		-
-	2	45		-		_
		60	75			
		75 _	90			
-	-	90 -				-
-	-	105 -		-		_
-	-	120 -		-	244	-
-	-	135 -				-
×						
-	-	150 _	161 No sa	ample _		-
-	-	-		-		-
-	-	-		-		
-	·=	-		<u> </u>		-
	_	-				-
	-			-		_
-	-	-		-		-
÷	-	-		-		
Ξ.	-	-		-		-
-	-	-		-		-
-	-	-		- 1		-
-	1	-				-
<u>-</u>	-	-		_		-
-	-	_		-		_
		-				-
-	-	-		-		-

OWNER: John O. Gardner DRILLER: Sydnor Pump and Well Co., Inc. COUNTY: Rockingham (Bridgewater) VDMR #1037 WWCR #480 TOTAL DEPTH: 161'

# GEOLOGIC LOG

## Martinsburg Shale (0-150')

- 0-15 Shale medium-dark-gray, very fissile; minor greenish, sericitic clay partings; minor white vein calcite.
- 15-30 Shale medium-dark-bluish-gray, fissile, chloritic; white vein calcite.
- 30-45 As above more fissile.
- 45-60 As above minor areas of corrugated foliation.
- 60-75 As above more vein calcite, more deformation of foliation.
- 75-90 Phyllite medium-dark-blue-green-gray, fissile, foliation finely corrugated, chloritic, minor pyrite, and vein calcite.
- 90-105 As above minor poorly developed slickensides.
- 105-120 As above.
- 120-135 As above slightly less fissile.
- 135-150 Shale dark-gray, slightly greenish; chloritic; very fissile; minor pyrite and vein calcite.
- 150-161 No sample.

### GEOLOGIC SUMMARY

### ROCK UNIT

#### TIME ROCK UNIT

Upper Ordovician

0-150 Martinsburg Shale 150-161 No sample

> Virginia Division of Mineral Resources Hollis N. Walker, Geologist June 25, 1965