INTERVAL SHEET

WWCR 300

Page	1	VDN	VDMR Well No.: Well No. 1087			
Date 7/8/64			Sample Interval: from 0 to 165			
PROP:	Mrs. Mary Willey	Total depth176				
COMP:	Sydnor	Oil	OilGasWater_X_Exploratory			
COUNTY:	Augusta (Fort Defiance)	Cut	tings_X_	CoreOther_		
VDMR Well No: W-1087		Washed samples - only				
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OWNER: Mrs. Mary Willey

DRILLER: Sydnor Pump and Well Co., Inc.

COUNTY: Augusta (Fort Defiance)

VDMR #1087 WWCR #300 TOTAL DEPTH: 176'

GEOLOGIC LOG

Martinsburg Shale ((0 -	165)
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0-15	Shale (weathered) — pale-brown clays, so	ericite, iron oxide stain.		
15-30	As above.			
30-45	As above — more weathered, very-soft.			
45-60	Shale - medium- to medium-light-bluish-gray; fissile; clays, micas, trace gypsum.			
60-75	Shale — medium-dark-gray; clay, sericite, quartz, chlorite, minor white vein calcite and dusty pyrite.			
75-90	As above — fewer calcite veins, minor arkose.			
90-105	Shale and Chloritic Arkose — medium-dark-gray, fissile shale; medium-dark-greenish-gray arkose; coarse angular fragments of quartz, feldspar, and shale in a chloritic matrix, bedding discernible; vein calcite.			
105-120	As above — less shale, minor granule size quartz grains.			
120-135	As above.			
135-150	As above — more shale.			
150-165	Shale — medium-dark-gray, slightly greenish, fissile, chloritic; minor calcite veins; minor arkose as above.			
165-176	No sample.			
	GEOLOGIC SUMMARY			
0-165 165-176	ROCK UNIT Martinsburg Shale No sample	TIME ROCK UNIT Ordovician		

Virginia Division of Mineral Resources Hollis N. Walker, Geologist June 29, 1965