## INTERVAL SHEET

WWCR 420

Page 1		VDMR WELL NO.: 1096					
Date7-14-64			Sample Interva	l: from	t	200	
PROP: (Mack Fischer)  COMP: R. B. Brickey			Total Depth 2	00		_	
		OilGasWater_X_Exploratory					
COUNTY: Roanoke (Salem) VDMR WELL NO: W- 1096			Cuttings X Washed Sampl		_Other		
From-To F	rom-To	From-T	To Fr	om-To	F	rom-To	
-	-	1-10		-		-	
-	4	10-20	0	-		-	
- /	- 1	20-30	0	-		-	
-	-	30-40	0	-		-	
-	, <del>-</del>	40-50		-		-	
		FO (1	0				
55.	-	50-60		-		-	
-	(1)	60-70		-		9-1	
-	-	70-80		-		-	
-	<del></del>	80-90		-		-	
	-	90-10	00	-		-	
_	: <u>-</u>	100-1	10	_		_	
		110-1		-		_	
	<u> </u>	120-1		_		_	
2	_	130-14		_		-	
	_	140-1		_		-	
	-	140-1	50	_		_	
_	₩.	150-1	60	_		_	
#	-	160-1		-		-	
-	-	170-1		-			
_	1 <b>-</b>	180- 1	90	-		-	
-	·-	190-2		-		-	
-	-			-		-	
	-	-		-		-	
_	-	3 <b>-</b> -		-		-	
-	-	-		-		-	
-	-	-		-		-	
_	. <del></del>	_		-		_	
_	_	_		_		_	
<u> </u>	-	-		_		_	
) -	_	-		_		_	
_		1.2					

OWNER: Mt. Sharon Subd. (Mack Fischer) VDMR #1096

DRILLER: R. B. Brickey

WWCR # 420

COUNTY: Roanoke (Salem) TOTAL DEPTH: 200'

## GEOLOGIC LOG

1-10	Overburden - pale yellowish brown, medium to coarse grained, subangular to rounded quartz grains, subangular to subrounded feldspar grains, clay.
10-20	Overburden - dark yellowish-orange, fine to coarse grained, subangular to rounded, quartz, feldspar, manganese wad, and clay.
20-30	As above
30-40	As above
40-50	Sandstone - grayish-orange, fine grained, quartz, carbonate cement (X-ray analysis: Quartz 55%, dolomite 45%) Top of bedrock in this interval.
50-60	As above
60-70	Dolomite - yellowish-gray, fine grained, saccharoidal texture.
70-80	As above (with some gray dolomite chips).
80-90	Dolomite (quartzose) - yellowish-gray, fine to medium grained, saccharoidal texture, dolomite, quartz, and minor chert.
90-100	As above
100-110	As above (with some small quartz crystals).
110-120	As above (with increasing quartz content - very well-rounded and polished quartz grains, also some clear dolomite cleavage pieces).
120-130	As above
130-140	Dolomite - gray, fine grained, saccharoidal texture.
140-150	As above (with minor quartz and dolomite crystals).
150-160	As above

OWNER:	Mack Fischer - (Continued) #1096	
160-170	Dolomite - gray, fine grained, saccharoidal texture,	
170-180	Dolomite - dark gray, fine grained, saccharoidal texture, minor quartz chert, and clear dolomite crystals.	
180-190	Dolomite - light orange gray, fine grained, saccharoidal texture, minor quartz and chert (X-ray analysis: Calcite 50%, dolomite 35%, Quartz 15%).	
190-200	As above	

## GEOLOGIC SUMMARY

ROCK UNIT

AGE

Shady formation

Cambrian

Virginia Division of Mineral Resources Villard S. Griffin, Jr., Geologist July 24, 1964