INTERVAL SHEET

WWCR: 27

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Date rec'd: November 23, 1966

PROP: Norfolk & Western Railway Co.

COMP: Hufford Keene

COUNTY: Russell (Lebanon) VDMR Well No: 1757

Sample Interval: from 0 to 212

Number of samples: 12

Total Depth: 214

Oil or Gas: Water: X Exploratory:

From-To		-To	From-To	From-To	1	From-To	
0	-	40	-	_		_	
40	***	50	+	_		_	
50	-	60	_	_		_	
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60	-	70	1	_		_	
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80	_	100					
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110	-	120	T	-		-	
120	-	130	T T	_		-	
130	_	140	-			-	
1.40		150					
140		150	+	-		-	
150	-	212	-			-	
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OWNER: Norfolk & Western Railway Co.

DRILLER: Hufford Keene

COUNTY: Russell (Lebanon)

VDMR: 1757 WWCR: 27

TOTAL DEPTH: 214'

GEOLOGIC LOG

Depth in feet

- 0 40 Dolomite very dark-drab-gray, about 50% of sample has been weathered to a reddish-brown; very fine-grained to micro crystalline, fissile, laminated; trace of calcite veins.
- 40 -50 Dolomite very dark-drab-gray to black, some weathered reddishbrown fragments; very fine-grained to micro crystalline, fissile, laminated.
- 50 60 Dolomite very dark-drab-gray to black; very fine-grained to micro crystalline; trace of dark tannish-gray chert.
- 60 70 Calcareous Dolomite very dark-gray; medium-grained to micro crystalline, laminated; trace of vein calcite.
- 70 80 "
- 80 100
- 100 110
- 110 120 Dolomite dark-gray; very fine-grained to micro crystalline; interlaminated with medium- to light-gray, fine-grained limestone; trace of vein calcite.
- 120 130 Limestone very dark-gray to black, very fine-grained; some very dark-gray, very fine-grained dolomite; trace of vein calcite.
- 130 140 Dolomite medium gray to black; fine-grained to micro crystalline; some interlaminated medium-gray, fine-grained limestone; trace of vein calcite.
- 140 150
- 150 210 Limestone medium- to very dark-gray; very fine-grained to micro crystalline; some dark-gray, fine-grained dolomite; trace of vein calcite.

GEOLOGIC SUMMARY

Rock Unit

Age

Honaker Formation

Cambrian

Virginia Division of Mineral Resources Thomas M. Gathright - Geologist January 24, 1967