

16-8N-54W

FORMATION RECORD

Give name, top, bottom and description of all formations encountered, and indicate oil, gas and water bearing intervals, cored sections and drill stem tests.

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
Niobrara	4410		
Fort Hays	4734		
Carlile	4785		
Greenhorn	4979		
Bentonite	5140		
"B" Sand	5230		
"V" Sand	5339		
Total Depth	5445		
CORE DESCRIPTION (Corrected to Electric Log Measurements)			
<u>Core #1</u>	<u>5140 to 5339'</u>	<u>Recovered 166'</u>	<u>"V" Sand</u>
1/2'			Sand - shale, reworked
5/8'			Sand, tight, fractured, no
3/4'			Sand - shale, reworked and interbedded
2'			Siltstone, very hard
1 1/2'			Sand, fg, tight, slight bleeding and fair scattered fluor.
2'			Sand - shale, interbedded
1'			Sand, fg, tight, fair to good even fluor and bleeding
<u>Core #2</u>	<u>5337 to 5374'</u>	<u>Recovered 11 1/2'</u>	<u>(assume 5/8' lost off bottom of interval)</u>
6 1/2'			Sand, f to mg, fair p & p, fractured, scattered light stain and bleeding
2 1/2'			Sand - shale, interbedded
1'			Sand, fg, very tight, slight bleeding
1 1/2'			Sand - shale, interbedded and reworked
DRILL STEM TEST DATA			
<u>DST #1</u>	<u>5337 to 5411'</u>	<u>"V" Sand</u>	
<p>Tool open 1 hour, shutin 30 min., reopened 1 hour, shutin 30 min. Recovered 130' gas in pipe, 30' oil cut mod, 120' slightly oil cut muddy water. Flow Pressures: 0' to 77'; Initial Shutin Pressure: 46 1/2' in 30 min; Final Shutin Pressure: 46 1/2' in 30 min.</p>			

BEST IMAGE AVAILABLE