

# NATURAL GAS ANALYSIS REPORT

**Sampled by:**

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<b>Lab Number: 20012487</b>	<b>Analyzed: 05/31/01</b>
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Sample From: Dale #4 DST 1	Pressure:	
Producer: Midco Exploration	Temperature:	

<b>Date: Location: 34-32-18</b>
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Time:	County:	Comanche
Sampler:	State:	Kansas
Source:	Formation:	Viola

	Mole %	GPM
Helium	He: 0.465	0.000
Hydrogen	H2: 0.083	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 13.612	0.000
Carbon Dioxide	CO2: 0.165	0.000
Methane	C1: 76.457	0.000
Ethane	C2: 5.093	1.362
Propane	C3: 2.158	0.595
Iso Butane	iC4: 0.299	0.098
Normal Butane	nC4: 0.736	0.232
Iso Pentane	iC5: 0.181	0.066
Normal Pentane	nC5: 0.237	0.086
Hexanes Plus	C6+: 0.514	0.224

TOTAL: 100.000    2.663

Z Fact: 0.9977

SP.GR.: 0.6937

BTU (SAT): 980.9 @ 14.73 psia  
 BTU (DRY): 998.3 @ 14.73 psia  
 OCTANE RATING: 108.1

COMMENTS:

0.000