

NATURAL GAS ANALYSIS REPORT  
GPA 2145-09

Sampled by:  
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Analyzed by:  
Caraway Analytical, Inc  
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Liberal, Kansas 67905  
Phone: 620-482-2371  
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Lab Number: 20122316 Analyzed: 07/21/12  
Sample From: MILLER TRUST 1-36 Pressure:  
Producer: STRATA EXPL INC Temperature:  
Date: Location: 36-26-20  
Time: County: EDWARDS  
Sampler: GARY State: KANSAS  
Source: DST 2 Formation: LANS A  
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	Mole %	GPM
Helium	He: 0.461	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 25.584	0.000
Carbon Dioxide	CO2: 0.106	0.000
Methane	C1: 67.140	0.000
Ethane	C2: 3.019	1.132
Propane	C3: 1.775	0.665
Iso Butane	iC4: 0.367	0.112
Normal Butane	nC4: 0.671	0.213
Iso Pentane	iC5: 0.221	0.061
Normal Pentane	nC5: 0.231	0.064
Hexanes Plus	C6+: 0.425	0.098

TOTAL: 100.000 2.346  
Z Fact: 0.9999  
SP.GR.: 0.7261  
BTU (SAT): 852.0 @ 14.73 psia  
BTU (DRY): 867.0 @ 14.73 psia  
OCTANE RATING: 93.5

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COMMENTS:

0.000