

NATURAL GAS ANALYSIS REPORT  
GPA 2145-09

Sampled by:  
Trilobite Testing, Inc.  
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Scott City, Kansas  
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Analyzed by:  
Caraway Analytical, Inc  
P. O. Box 2137  
Liberal, Kansas 67905  
Phone: 620-482-2371  
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Lab Number: 20111198  
Sample From: LEWIS TRUST E UNIT 1-1  
Producer: MCCOY PETROLEUM  
Date:  
Time:  
Sampler:  
Source: DST 2

Analyzed: 04/13/11  
Pressure:  
Temperature:  
Location: 1-26-19  
County: EDWARDS  
State: KANSAS  
Formation:

MISSISSIPPI

	Mole %	GPM
Helium	He: 0.362	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 4.513	0.000
Carbon Dioxide	CO2: 0.034	0.000
Methane	C1: 89.596	0.000
Ethane	C2: 3.286	1.232
Propane	C3: 1.058	0.397
Iso Butane	iC4: 0.182	0.056
Normal Butane	nC4: 0.368	0.117
Iso Pentane	iC5: 0.120	0.033
Normal Pentane	nC5: 0.124	0.034
Hexanes Plus	C6+: 0.357	0.082
TOTAL:	100.000	1.951
Z Fact:	0.9998	
SP.GR.:	0.6201	
BTU (SAT):	1038.2 @ 14.73 psia	
BTU (DRY):	1056.6 @ 14.73 psia	
OCTANE RATING:	121.6	

COMMENTS:

0.000