

15-047-20918-0001

23-265-18w

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, Inc.
 Hays, Kansas
 Scott City, Kansas
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Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 620-624-5389
 Fax: 620-626-7108

Lab Number:	20072367	Analyzed:	05/23/07
Sample From:	Crocket	Pressure:	
Producer:	Midcontinent Energy	Temperature:	
Date:		Location:	23-26-18
Time:		County:	Edwards
Sampler:	Gary	State:	Kansas
Source:	Production Test	Formation:	Lans HIJ

	Mole %	GPM
Helium	He: 0.442	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 13.561	0.000
Carbon Dioxide	CO2: 0.046	0.000
Methane	C1: 79.291	0.000
Ethane	C2: 4.067	1.088
Propane	C3: 1.645	0.453
Iso Butane	iC4: 0.223	0.073
Normal Butane	nC4: 0.426	0.134
Iso Pentane	iC5: 0.089	0.033
Normal Pentane	nC5: 0.093	0.034
Hexanes Plus	C6+: 0.117	0.051

TOTAL: 100.000 1.866
 Z Fact: 0.9980
 SP.GR.: 0.6619
 BTU (SAT): 936.1 @ 14.73 psia
 BTU (DRY): 952.7 @ 14.73 psia
 OCTANE RATING: 109.6

COMMENTS:

0.000