

NATURAL GAS ANALYSIS REPORT
GPA 2145-09

Sampled by:
Trilobite Testing, Inc.
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Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
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Lab Number: 20122402
Sample From: ROSE 1-6
Producer: STRATA EXPL INC
Date:
Time:
Sampler: GARY
Source: DST 1

Analyzed: 07/28/12
Pressure:
Temperature:
Location: 6-27-19
County: KIOWA
State: KANSAS
Formation: LANS A

	Mole %	GPM
Helium	He: 0.454	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 25.759	0.000
Carbon Dioxide	CO2: 0.103	0.000
Methane	C1: 67.154	0.000
Ethane	C2: 3.033	1.137
Propane	C3: 1.735	0.650
Iso Butane	iC4: 0.364	0.112
Normal Butane	nC4: 0.628	0.200
Iso Pentane	iC5: 0.214	0.059
Normal Pentane	nC5: 0.191	0.053
Hexanes Plus	C6+: 0.365	0.084

TOTAL: 100.000 2.294
Z Fact: 0.9999
SP.GR.: 0.7233
BTU (SAT): 844.9 @ 14.73 psia
BTU (DRY): 859.8 @ 14.73 psia
OCTANE RATING: 93.4

COMMENTS:

0.000