

NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, Inc.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 785-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 620-624-5389
Fax: 620-626-7108

Lab Number: 20015481

Analyzed: 11/01/01

Sample From: Lower 1-18 DST 3
Producer: Stelbar Oil Corp

Pressure:
Temperature:

Date: Location: 18-31-32

Time:
Sampler:
Source:

County: Seward
State: Kansas
Formation: Atoka

	Mole %	GPM
Helium	He: 0.180	0.000
Hydrogen	H2: 0.013	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 7.632	0.000
Carbon Dioxide	CO2: 0.038	0.000
Methane	C1: 77.935	0.000
Ethane	C2: 6.001	1.605
Propane	C3: 3.629	1.000
Iso Butane	iC4: 0.456	0.149
Normal Butane	nC4: 1.148	0.362
Iso Pentane	iC5: 0.368	0.135
Normal Pentane	nC5: 0.559	0.202
Hexanes Plus	C6+: 2.041	0.890

TOTAL: 100.000 4.344

Z Fact: 0.9968

SP.GR.: 0.7475

BTU (SAT): 1164.7 @ 14.73 psia

BTU (DRY): 1185.3 @ 14.73 psia

OCTANE RATING: 113.4

COMMENTS:

0.000

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, Inc.
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 785-625-5620

Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 620-624-5389
 Fax: 620-626-7108

Lab Number: 20015546	Analyzed: 11/02/01
-----------------------------	---------------------------

Sample From:	Lower 1-18 DST 4	Pressure:
Producer:	Stelbar Oil Corp	Temperature:

Date: 18-31-32	Location: 18-31-32
-----------------------	---------------------------

Time:	County:	Seward
Sampler:	State:	Kansas
Source:	Formation:	L Morrow

	Mole %	GPM
Helium	He: 0.179	0.000
Hydrogen	H2: 0.002	0.000
Oxygen	O2: 0.050	0.000
Nitrogen	N2: 7.740	0.000
Carbon Dioxide	CO2: 0.198	0.000
Methane	C1: 77.016	0.000
Ethane	C2: 5.026	1.344
Propane	C3: 3.031	0.835
Iso Butane	iC4: 0.494	0.162
Normal Butane	nC4: 1.060	0.334
Iso Pentane	iC5: 0.945	0.346
Normal Pentane	nC5: 1.584	0.574
Hexanes Plus	C6+: 2.675	1.167

TOTAL: 100.000 4.762

Z Fact: 0.9964

SP.GR.: 0.7870

BTU (SAT): 1218.0 @ 14.73 psia

BTU (DRY): 1239.5 @ 14.73 psia

OCTANE RATING: 111.9

COMMENTS:

0.050