

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
To: Simpson, Paul - Backup Trilobite Tesing, L. L. C. Fax: 1-785-625-4504

15:11:30 11/20/98 Page 2 of 2 Log:211

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 984457
Sample From: Plummer 1-31 DST 1
Producer: Stelbar Oil
Date: 11/19/98
Time:
Sampler: Lanny Saloga
Source:

Analyzed: 11/20/98
Pressure:
Temperature:
Location: 31-28-40
County: Stanton
State: Kansas
Formation: U. Keyes

	Mole %	GPM
Helium	He: 1.256	0.000
Hydrogen	H2: 0.047	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 29.403	0.000
Carbon Dioxide	CO2: 0.434	0.000
Methane	C1: 63.018	0.000
Ethane	C2: 2.362	0.632
Propane	C3: 1.246	0.343
Iso Butane	iC4: 0.279	0.091
Normal Butane	nC4: 0.560	0.177
Iso Pentane	iC5: 0.207	0.076
Normal Pentane	nC5: 0.308	0.112
Hexanes Plus	C6+: 0.880	0.384

TOTAL: 100.000 1.814
Z Fact: 0.9983
SP. GR.: 0.7449
BTU (SAT): 792.1 @ 14.73 psia
BTU (DRY): 806.1 @ 14.73 psia
OCTANE RATING: 86.8

COMMENTS:

0.000