

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
To: Simpson, Paul Trilobite Testing, L. L. C. Fax: 1-785-625-5620

21:59:43 11/11/98 Page 3 of 3 Log:196

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: 984367
Sample From: Allen #7 4 pt.
Producer: La Veta
Date:
Time:
Sampler:
Source:

Analyzed: 11/11/98
Pressure:
Temperature:
Location: 31-22-11
County: Stafford
State: Kansas
Formation: Severy

	Mole %	GPM
Helium	He: 0.836	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 28.033	0.000
Carbon Dioxide	CO2: 0.106	0.000
Methane	C1: 64.830	0.000
Ethane	C2: 3.102	0.830
Propane	C3: 1.830	0.504
Iso Butane	iC4: 0.315	0.103
Normal Butane	nC4: 0.602	0.190
Iso Pentane	iC5: 0.133	0.049
Normal Pentane	nC5: 0.116	0.042
Hexanes Plus	C6+: 0.097	0.042
TOTAL:	100.000	1.760
Z Fact:	0.9983	
SP. GR.:	0.7223	
BTU (SAT):	789.7 @	14.73 psia
BTU (DRY):	803.7 @	14.73 psia
OCTANE RATING:	90.3	

COMMENTS:

0.000