

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

21:39:41 12/3/98 Page 2 of 3 Log:256

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: 984614
Sample From: Winsted A-5 DST 1
Producer: Dunne Equities
Date:
Time:
Sampler:
Source:

Analyzed: 12/03/98
Pressure:
Temperature:
Location: 22-29-34
County: Haskell
State: Kansas
Formation: KC B

	Mole %	GPM
Helium	He: 0.035	0.000
Hydrogen	H2: 0.002	0.000
Oxygen	O2: 0.021	0.000
Nitrogen	N2: 6.293	0.000
Carbon Dioxide	CO2: 0.067	0.000
Methane	C1: 57.894	0.000
Ethane	C2: 11.455	3.064
Propane	C3: 12.448	3.430
Iso Butane	iC4: 1.945	0.636
Normal Butane	nC4: 4.781	1.507
Iso Pentane	iC5: 1.202	0.440
Normal Pentane	nC5: 1.343	0.486
Hexanes Plus	C6+: 2.514	1.097
TOTAL:	100.000	10.660
Z Fact:	0.9938	
SP. GR. :	0.9770	
BTU (SAT):	1536.8	@ 14.73 psia
BTU (DRY):	1564.0	@ 14.73 psia
OCTANE RATING:	107.6	

COMMENTS:

0.021