

15-007-22733

10-34s-15w

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		Analyzed	
20032073		04/29/03	
Sample From:		Pressure:	
Producer:		Temperature:	
Date Location:			
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Miss?

		Mole %	GPM
Helium	He:	0.180	0.000
Hydrogen	H2:	0.012	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	5.968	0.000
Carbon Dioxide	CO2:	0.126	0.000
Methane	C1:	82.465	0.000
Ethane	C2:	6.352	1.699
Propane	C3:	2.545	0.701
Iso Butane	iC4:	0.266	0.087
Normal Butane	nC4:	0.800	0.252
Iso Pentane	iC5:	0.201	0.074
Normal Pentane	nC5:	0.298	0.108
Hexanes Plus	C6+:	0.787	0.343

TOTAL: 100.000 3.264

Z Fact: 0.9973

SP.GR.: 0.6826

BTU (SAT): 1090.7 @ 14.73 psia

BTU (DRY): 1110.0 @ 14.73 psia

OCTANE RATING: 117.7

COMMENTS:

0.000