NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
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: 20012983 **Analyzed: 07/09/01**

Sample From: ELS Trust 1-130 DST 2
Producer: Presco Western
Pressure:
Temperature:

Date: Location: 30-30-33

Time:
Sampler:
Source:
County: Haskell
State: Kansas
Formation: KC

		Mole %	GPM
Helium	He:	0.265	0.000
Hydrogen	H2:	0.009	0.000
Oxygen	O2:	0.016	0.000
Nitrogen	N2:	13.853	0.000
Carbon Dioxide	CO2:	0.093	0.000
Methane	C1:	74.557	0.000
Ethane	C2:	5.541	1.482
Propane	C3:	3.329	0.917
Iso Butane	iC4:	0.433	0.142
Normal Butane	nC4:	0.931	0.294
Iso Pentane	iC5:	0.246	0.090
Normal Pentane	nC5:	0.258	0.093
Hexanes Plus	C6+:	0.469	0.205
	TOTAL:	100.000	3.222

Z Fact: 0.9976
SP.GR.: 0.7142
BTU (SAT): 1010.5 @ 14.73 psia
BTU (DRY): 1028.4 @ 14.73 psia

OCTANE RATING: 107.6

COMMENTS: 0.016

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Lab Number: 20012984 **Analyzed: 07/09/01**

Sample From: ELS Trust 1-130 DST 3
Producer: Presco Western
Pressure:
Temperature:

Date: Location: 30-30-33

Time:
Sampler:
Source:
County: Haskell
State: Kansas
Formation: Marmington

B

		Mole %	GPM
Helium	He:	0.079	0.000
Hydrogen	H2:	0.011	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	4.732	0.000
Carbon Dioxide	CO2:	0.086	0.000
Methane	C1:	65.723	0.000
Ethane	C2:	11.329	3.030
Propane	C3:	10.295	2.837
Iso Butane	iC4:	1.481	0.484
Normal Butane	nC4:	3.405	1.074
Iso Pentane	iC5:	0.770	0.282
Normal Pentane	nC5:	0.878	0.318
Hexanes Plus	C6+:	1.211	0.528
	TOTAL:	100.000	8.553

Z Fact: 0.9951
SP.GR.: 0.8683
BTU (SAT): 1396.1 @ 14.73 psia
BTU (DRY): 1420.9 @ 14.73 psia

OCTANE RATING: 113.0

COMMENTS: 0.000