

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: 20013127		Analyzed: 07/17/01	
Sample From: Froestchner 1-34 Flow Test		Pressure:	
Producer: McCoy Petroleum		Temperature:	
Date: 34-25-20			
Time:		County:	Edwards
Sampler:		State:	Kansas
Source:		Formation:	Miss

	Mole %	GPM
Helium	He: 3.346	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 44.826	0.000
Carbon Dioxide	CO2: 0.230	0.000
Methane	C1: 45.641	0.000
Ethane	C2: 4.264	1.140
Propane	C3: 0.924	0.255
Iso Butane	iC4: 0.237	0.078
Normal Butane	nC4: 0.315	0.099
Iso Pentane	iC5: 0.080	0.029
Normal Pentane	nC5: 0.063	0.023
Hexanes Plus	C6+: 0.074	0.032

TOTAL: 100.000 1.656

Z Fact: 0.9988

SP.GR.: 0.7711

BTU (SAT): 579.0 @ 14.73 psia
BTU (DRY): 589.2 @ 14.73 psia
OCTANE RATING: 65.3

COMMENTS: Bottle contained liquids 0.000

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Lab Number: 20013228**Analyzed: 07/26/01**

Sample From: Froestchner 1-34 Wireline

Pressure:

Producer: McCoy

Temperature:

Date: Location: 24-25-20

Time:

County: Edwards

Sampler:

State: Kansas

Source:

Formation: Miss

	Mole %	GPM
Helium	He: 3.356	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 44.828	0.000
Carbon Dioxide	CO2: 0.134	0.000
Methane	C1: 45.638	0.000
Ethane	C2: 4.283	1.145
Propane	C3: 0.937	0.258
Iso Butane	iC4: 0.242	0.079
Normal Butane	nC4: 0.326	0.103
Iso Pentane	iC5: 0.083	0.030
Normal Pentane	nC5: 0.067	0.024
Hexanes Plus	C6+: 0.106	0.046

TOTAL: 100.000 1.687

Z Fact: 0.9988

SP.GR.: 0.7715

BTU (SAT): 582.0 @ 14.73 psia
BTU (DRY): 592.3 @ 14.73 psia
OCTANE RATING: 65.3

COMMENTS:

0.000