

## NATURAL GAS ANALYSIS REPORT

Sampled by:  
Trilobite Testing, L. L. C.  
Hays, Kansas  
Scott City, Kansas  
Phone: 800-728-5369  
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Analyzed by:  
Caraway Analytical, Inc  
P. O. Box 2137  
Liberal, Kansas 67905  
Phone: 316-624-5389  
Fax: 316-626-7108

Lab Number:	20013866	Analyzed:	08/25/01
Sample From:	Smith-Gleinn A 1-26 DST 2	Pressure:	
Producer:	McCoy Petroleum	Temperature:	
Date:		Location:	26-32-9
Time:		County:	Harper
Sampler:		State:	Kansas
Source:		Formation:	Stalnaker

	Mole %	GPM
Helium	He: 0.400	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 16.306	0.000
Carbon Dioxide	CO2: 0.058	0.000
Methane	C1: 74.573	0.000
Ethane	C2: 3.313	0.886
Propane	C3: 2.695	0.743
Iso Butane	iC4: 0.516	0.169
Normal Butane	nC4: 0.980	0.309
Iso Pentane	iC5: 0.334	0.122
Normal Pentane	nC5: 0.295	0.107
Hexanes Plus	C6+: 0.530	0.231

TOTAL:	100.000	2.567
Z Fact:	0.9977	
SP.GR.:	0.7123	
BTU (SAT):	968.1 @ 14.73 psia	
BTU (DRY):	985.2 @ 14.73 psia	
OCTANE RATING:	104.9	

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COMMENTS:

0.000

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Lab Number:	20013867	Analyzed:	08/25/01
Sample From:	Smith-Gleiin A 1-26 DST 3	Pressure:	
Producer:	McCoy Petroleum	Temperature:	
Date:		Location:	26-32-9
Time:		County:	Harper
Sampler:		State:	Kansas
Source:		Formation:	Stalnaker

	Mole %	GPM
Helium	He: 0.395	0.000
Hydrogen	H2: 0.042	0.000
Oxygen	O2: 0.014	0.000
Nitrogen	N2: 16.445	0.000
Carbon Dioxide	CO2: 0.029	0.000
Methane	C1: 74.488	0.000
Ethane	C2: 3.287	0.879
Propane	C3: 2.659	0.733
Iso Butane	iC4: 0.510	0.167
Normal Butane	nC4: 0.969	0.306
Iso Pentane	iC5: 0.329	0.120
Normal Pentane	nC5: 0.288	0.104
Hexanes Plus	C6+: 0.545	0.238
	TOTAL: 100.000	2.547
	Z Fact: 0.9978	
	SP.GR.: 0.7119	
	BTU (SAT): 965.7 @ 14.73 psia	
	BTU (DRY): 982.8 @ 14.73 psia	
	OCTANE RATING: 104.7	

COMMENTS:

0.014