

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: 620-624-5389
 Fax: 620-626-7108

Lab Number: 20014428	Analyzed: 09/19/01
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Sample From: Theis 2-19 DST 3	Pressure:
Producer: Midco Exploration	Temperature:

Date: Location: 19-33-25	
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Time:	County:	Clark
Sampler:	State:	Kansas
Source:	Formation:	Chester

-----Lower A

Upper B

	Mole %	GPM
Helium	He: 0.131	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 2.855	0.000
Carbon Dioxide	CO2: 0.099	0.000
Methane	C1: 81.246	0.000
Ethane	C2: 5.393	1.442
Propane	C3: 3.958	1.091
Iso Butane	iC4: 0.854	0.279
Normal Butane	nC4: 1.764	0.556
Iso Pentane	iC5: 0.698	0.255
Normal Pentane	nC5: 0.778	0.282
Hexanes Plus	C6+: 2.224	0.970
TOTAL: 100.000		4.876

Z Fact: 0.9963

SP.GR.: 0.7596

BTU (SAT): 1259.5 @ 14.73 psia

BTU (DRY): 1281.7 @ 14.73 psia

OCTANE RATING: 118.8

COMMENTS:

0.000

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