

NATURAL GAS ANALYSIS REPORT

Sampled by: Analyzed by:

Trilobite Testing, Inc.
Hays, Kansas
Scott City, Kansas

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905

Phone: 800-728-5369

Phone: 620-624-5389

Fax: 785-625-5620

Fax: 620-626-7108

Lab Number: 20015954

Analyzed: 11/28/01

Sample From: Warta A-1 4pt
Producer: R. P. Nixon

Pressure:
Temperature:

Date: Location: 19-15-11

Time:
Sampler:
Source:

County: Russell
State: Kansas
Formation: Tarkio

	Mole %	GPM
Helium	He: 0.977	0.000
Hydrogen	H2: 0.372	0.000
Oxygen	O2: 1.636	0.000
Nitrogen	N2: 38.245	0.000
Carbon Dioxide	CO2: 0.060	0.000
Methane	C1: 55.512	0.000
Ethane	C2: 1.175	0.314
Propane	C3: 0.406	0.112
Iso Butane	iC4: 0.044	0.014
Normal Butane	nC4: 0.088	0.028
Iso Pentane	iC5: 0.065	0.024
Normal Pentane	nC5: 0.127	0.046
Hexanes Plus	C6+: 1.293	0.564

TOTAL: 100.000 1.102

Z Fact: 0.9986

SP.GR.: 0.7668

BTU (SAT): 662.0 @ 14.73 psia
BTU (DRY): 673.7 @ 14.73 psia
OCTANE RATING: 74.2

COMMENTS:

Oxygen 1.636