

NATURAL GAS ANALYSIS REPORT

Sampled by:

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Analyzed by:

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Lab Number: 20010468	Analyzed: 01/30/01
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Sample From: Wells 1-13 4pt
Producer: American Warrior

Pressure:
Temperature:

Date:	Location:
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Time:	County:	Ness
Sampler:	State:	Kansas
Source:	Formation:	

	Mole %	GPM
Helium	He: 1.366	0.000
Hydrogen	H2: 0.019	0.000
Oxygen	O2: 0.900	0.000
Nitrogen	N2: 52.049	0.000
Carbon Dioxide	CO2: 0.807	0.000
Methane	C1: 44.223	0.000
Ethane	C2: 0.289	0.077
Propane	C3: 0.022	0.006
Iso Butane	iC4: 0.000	0.000
Normal Butane	nC4: 0.003	0.001
Iso Pentane	iC5: 0.005	0.002
Normal Pentane	nC5: 0.013	0.005
Hexanes Plus	C6+: 0.304	0.133

TOTAL: 100.000 0.223

Z Fact: 0.9991

SP.GR.: 0.7871

BTU (SAT): 462.1 @ 14.73 psia
BTU (DRY): 470.3 @ 14.73 psia
OCTANE RATING: 57.9

COMMENTS:

0.900