

NATURAL GAS ANALYSIS REPORT

Sampled by:

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Analyzed by:

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Lab Number: 20010145**Analyzed: 01/18/01**

Sample From: Seltman #2 4pt

Pressure:

Producer: American Warrior

Temperature:

Date: Location: 24-18-21

Time:

County: Ness

Sampler:

State: Kansas

Source:

Formation: Chase

	Mole %	GPM
Helium	He: 1.539	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.054	0.000
Nitrogen	N2: 48.635	0.000
Carbon Dioxide	CO2: 0.171	0.000
Methane	C1: 49.219	0.000
Ethane	C2: 0.325	0.087
Propane	C3: 0.027	0.007
Iso Butane	iC4: 0.002	0.001
Normal Butane	nC4: 0.001	0.000
Iso Pentane	iC5: 0.000	0.000
Normal Pentane	nC5: 0.000	0.000
Hexanes Plus	C6+: 0.027	0.012

TOTAL: 100.000 0.107

Z Fact: 0.9991

SP.GR.: 0.7540

BTU (SAT): 497.8 @ 14.73 psia
BTU (DRY): 506.6 @ 14.73 psia
OCTANE RATING: 64.4

COMMENTS:

0.054