

NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20000498

Analysed: 08/10/00

Sample From: Barnes #12 DST 1

Pressure:

Producer: American Warrior, Inc.

Temperature:

Date Location: 12-22-00

Time:

County: Comanche

Sampler: Scott

State: Kansas

Source:

Formation: Viola

	Mole %	GPM
Helium	He: 1.010	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 25.847	0.000
Carbon Dioxide	CO2: 0.115	0.000
Methane	C1: 62.062	0.000
Ethane	C2: 6.123	1.638
Propane	C3: 3.059	0.843
Iso Butane	iC4: 0.366	0.120
Normal Butane	nC4: 0.828	0.261
Iso Pentane	iC5: 0.154	0.056
Normal Pentane	nC5: 0.190	0.069
Hexanes Plus	C6+: 0.246	0.107

TOTAL: 100.000 3.094

Z Fact: 0.9980

SP.GR.: 0.7493

BTU (SAT): 865.9 @ 14.73 psia
BTU (DRY): 881.2 @ 14.73 psia
OCTANE RATING: 91.3

COMMENTS:

0.000