

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, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	950542	Analyzed:	10/08/95
Sample From:	Tessia Katrine #1-20	Pressure:	
Producer:	Amoco Production Co.	Temperature:	
Date:		Location:	
Time:		County:	
Sampler:		State:	
Source:		Formation:	Marmaton

	Mole %	GPM
Helium	He: 0.318	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 17.595	0.000
Carbon Dioxide	CO2: 0.112	0.000
Methane	C1: 70.337	0.000
Ethane	C2: 5.531	1.479
Propane	C3: 3.512	0.968
Iso Butane	iC4: 0.461	0.151
Normal Butane	nC4: 0.994	0.313
Iso Pentane	iC5: 0.247	0.090
Normal Pentane	nC5: 0.243	0.088
Hexanes Plus	C6+: 0.650	0.284

TOTAL: 100.000 3.373
Z Fact: 0.9976
SP.GR.: 0.7369
BTU (SAT): 984.3 @ 14.73 psia
BTU (DRY): 1001.7 @ 14.73 psia
OCTANE RATING: 102.3

COMMENTS:

0.016