

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
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Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	950560	Analyzed:	10/17/95
Sample From:	Dechant B #2 DST 2	Pressure:	
Producer:	AFG Energy	Temperature:	
Date:		Location:	23-16-18
Time:		County:	Rush
Sampler:		State:	Kansas
Source:		Formation:	Hays

	Mole %	GPM
Helium	He: 2.233	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 26.017	0.000
Carbon Dioxide	CO2: 0.000	0.000
Methane	C1: 66.259	0.000
Ethane	C2: 2.915	0.780
Propane	C3: 1.156	0.319
Iso Butane	iC4: 0.314	0.103
Normal Butane	nC4: 0.438	0.138
Iso Pentane	iC5: 0.155	0.057
Normal Pentane	nC5: 0.169	0.061
Hexanes Plus	C6+: 0.344	0.150
TOTAL:	100.000	1.607
Z Fact:	0.9984	
SP.GR.:	0.7050	
BTU (SAT):	794.1 @ 14.73 psia	
BTU (DRY):	808.2 @ 14.73 psia	
OCTANE RATING:	91.3	

COMMENTS:

0.041

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Lab Number: 950563
Sample From: Dechant B #2 DST 3
Producer: AFG Energy
Date:
Time:
Sampler:
Source:

Analyzed: 10/18/95
Pressure:
Temperature:
Location: 23-16-18
County: Rush
State: Kansas
Formation: KC

	Mole %	GPM
Helium	He: 2.216	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 25.732	0.000
Carbon Dioxide	CO2: 0.167	0.000
Methane	C1: 65.879	0.000
Ethane	C2: 2.984	0.798
Propane	C3: 1.268	0.349
Iso Butane	iC4: 0.343	0.112
Normal Butane	nC4: 0.472	0.149
Iso Pentane	iC5: 0.160	0.059
Normal Pentane	nC5: 0.164	0.059
Hexanes Plus	C6+: 0.615	0.268
TOTAL:	100.000	1.795
Z Fact:	0.9983	
SP.GR.:	0.7151	
BTU (SAT):	810.1 @ 14.73 psia	
BTU (DRY):	824.5 @ 14.73 psia	
OCTANE RATING:	91.0	

COMMENTS:

0.000