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:	994538	Analyzed:	08/17/99
Sample From:	Owens #1 DST 2	Pressure:	
Producer:	Hummon Corp.	Temperature:	
Date:		Location:	28-32-18
Time:		County:	Comanche
Sampler:		State:	Oklahoma
Source:		Formation:	Ft. Scott

		Mole %	GPM
Helium	He:	0.136	0.000
Hydrogen	H2:	0.009	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	3.137	0.000
Carbon Dioxide	CO2:	0.057	0.000
Methane	C1:	86.217	0.000
Ethane	C2:	4.115	1.101
Propane	C3:	2.911	0.802
Iso Butane	iC4:	0.456	0.149
Normal Butane	nC4:	1.335	0.421
Iso Pentane	iC5:	0.379	0.139
Normal Pentane	nC5:	0.451	0.163
Hexanes Plus	C6+:	0.797	0.348
	TOTAL:	100.000	3.122
	Z Fact:	0.9972	
	SP.GR.:	0.6805	
	BTU (SAT):	1135.2 @ 14.73 psia	
	BTU (DRY):	1155.3 @ 14.73 psia	
	OCTANE RATING:	121.5	

COMMENTS:

0.000

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Lab Number:	994539	Analyzed:	08/17/99
Sample From:	Owens #1 DST 3	Pressure:	
Producer:	Hummon Corp.	Temperature:	
Date:		Location:	28-32-18
Time:		County:	Comanche
Sampler:		State:	Oklahoma
Source:		Formation:	Miss

		Mole %	GPM
Helium	He:	0.166	0.000
Hydrogen	H2:	0.006	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	4.065	0.000
Carbon Dioxide	CO2:	0.135	0.000
Methane	C1:	89.986	0.000
Ethane	C2:	3.526	0.943
Propane	C3:	0.876	0.241
Iso Butane	iC4:	0.206	0.067
Normal Butane	nC4:	0.433	0.137
Iso Pentane	iC5:	0.144	0.053
Normal Pentane	nC5:	0.091	0.033
Hexanes Plus	C6+:	0.366	0.160
	TOTAL:	100.000	1.634
	Z Fact:	0.9978	
	SP.GR.:	0.6221	
	BTU (SAT):	1028.8 @ 14.73 psia	
	BTU (DRY):	1047.0 @ 14.73 psia	
	OCTANE RATING:	122.3	

COMMENTS: 0.000