

## NATURAL GAS ANALYSIS REPORT

Sampled by:  
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Lab Number:	970123	Analyzed:	03/04/97
Sample From:	Nunemacher 3-4 DST 1	Pressure:	
Producer:	Eagle Energy, Inc.	Temperature:	
Date:		Location:	4-33-22
Time:		County:	Clark
Sampler:		State:	Kansas
Source:		Formation:	Morrow

	Mole %	GPM
Helium	He: 0.100	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 7.087	0.000
Carbon Dioxide	CO2: 0.243	0.000
Methane	C1: 77.885	0.000
Ethane	C2: 7.488	2.003
Propane	C3: 3.433	0.946
Iso Butane	iC4: 0.687	0.225
Normal Butane	nC4: 1.422	0.448
Iso Pentane	iC5: 0.425	0.156
Normal Pentane	nC5: 0.548	0.198
Hexanes Plus	C6+: 0.682	0.298

TOTAL: 100.000 4.273  
Z Fact: 0.9970  
SP.GR.: 0.7223  
BTU (SAT): 1134.2 @ 14.73 psia  
BTU (DRY): 1154.3 @ 14.73 psia  
OCTANE RATING: 115.1

COMMENTS:

0.000