

NATURAL GAS ANALYSIS REPORT

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Lab Number:	950113	Analyzed:	02/21/95
Sample From:	Graham #1 DST 5	Pressure:	
Producer:	AFG Energy	Temperature:	
Date:		Location:	23-16S-18W
Time:		County:	Rush
Sampler:		State:	Kansas
Source:		Formation:	L.K.C.

	Mole %	GPM
Helium	He: 0.937	0.000
Oxygen	O2:	
Nitrogen	N2: 24.720	0.000
Carbon Dioxide	CO2: 0.000	0.000
Methane	C1: 68.869	0.000
Ethane	C2: 3.082	0.824
Propane	C3: 1.216	0.335
Iso Butane	iC4: 0.317	0.104
Normal Butane	nC4: 0.422	0.133
Iso Pentane	iC5: 0.147	0.054
Normal Pentane	nC5: 0.134	0.049
Hexanes Plus	C6+: 0.156	0.068
TOTAL:	100.000	1.566
Z Fact:	0.9983	
SP.GR.:	0.7004	
BTU (SAT):	812.9 @ 14.73 psia	
BTU (DRY):	827.3 @ 14.73 psia	
OCTANE RATING:	94.8	

COMMENTS: Helium content calculated based on Nitrogen