NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number:	982624	Analyzed:	07/06/98
Sample From:	Wagner #33 DST 4	Pressure:	
Producer:	Sagebrush Petroleum, L. L. C.	Temperature:	
Date:		Location:	7-27-12
Time:		County:	Pratt
Sampler:		State:	Kansas
Source:		Formation:	Landon

		Mole %	GPM
Helium	He:	0.519	0.000
Hydrogen	H2:	0.002	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	21.015	0.000
Carbon Dioxide	CO2:	0.196	0.000
Methane	C1:	70.651	0.000
Ethane	C2:	3.414	0.913
Propane	C3:	2.155	0.594
Iso Butane	iC4:	0.457	0.150
Normal Butane	nC4:	0.815	0.257
Iso Pentane	iC5:	0.190	0.070
Normal Pentane	nC5:	0.237	0.086
Hexanes Plus	C6+:	0.349	0.152
	TOTAL:	100.000	2.221
	Z Fact:	0.9980	
	SP.GR.:	0.7157	
	BTU (SAT):	892.7 @ 14.73 psia	
	BTU (DRY):	908.6 @ 14.73 psia	
	OCTANE RATING:	99.0	

COMMENTS: 0.000