

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number:	973284	Analyzed:	12/01/97
Sample From:	Dillinger DST 1	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:		Location:	36-31-33
Time:		County:	Seward
Sampler:		State:	Kansas
Source:		Formation:	Marmaton

	Mole %	GPM
Helium	He: 0.244	0.000
Hydrogen	H2: 0.013	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 17.544	0.000
Carbon Dioxide	CO2: 0.063	0.000
Methane	C1: 66.435	0.000
Ethane	C2: 6.944	1.857
Propane	C3: 5.132	1.414
Iso Butane	iC4: 0.534	0.175
Normal Butane	nC4: 1.404	0.443
Iso Pentane	iC5: 0.321	0.117
Normal Pentane	nC5: 0.369	0.134
Hexanes Plus	C6+: 0.997	0.435

TOTAL: 100.000 4.575
Z Fact: 0.9972
SP.GR.: 0.7774
BTU (SAT): 1051.8 @ 14.73 psia
BTU (DRY): 1070.4 @ 14.73 psia
OCTANE RATING: 100.9

COMMENTS: Sample contained 9.480% Air

1.896