

MITCHELL ANALYTICAL LABORATORY

1203 Douglas
Odessa, Texas 79762
550-9776

Gas Analysis

Company.... Kerr McGee Corporation	Sample Press.. 400.0
Producer...	Sample Temp... 0.0
Lease..... WINSTON GAS COMP #2	Date Sampled.. 01/20/1996
Station #.. SALES LINE SAMPLE	Sampled by.... EC
Cylinder #.	Field Gravity. 0.0000
Date Run... 01/22/1996	Analyzed by... DANIEL
Lab Ref #.. 96-JAN-G1468	Field H2S..... 0.0000

Physical Constants per GPA 2145-93
Calculations per GPA 2172-86
@ 14.65 psia & 60.0 Deg. F.

	MOL %	GPM	BTU
Nitrogen	0.660	0.072	0.0
Methane	93.890	15.830	948.3
CO2	0.632	0.106	0.0
Ethane	3.206	0.852	56.7
H2S	0.000	0.000	0.0
Propane	0.938	0.257	23.6
Iso-Butane	0.134	0.044	4.4
N-Butane	0.167	0.052	5.4
Iso-Pentane	0.069	0.025	2.8
N-Pentane	0.046	0.017	1.9
2,2-DMB	0.000	0.000	0.0
2-Me-C5	0.000	0.000	0.0
3-Me-C5	0.000	0.000	0.0
Hexanes +	0.258	0.109	12.3
TOTALS	100.000	17.364	1055.3

GROSS HEATING VALUE @ 14.65 PSIA

GASOLINE CONTENT (GPM)

Dry	Wet
1058	1039 BTU/Real Cu.Ft.
1055	1037 BTU/Ideal Cu.Ft.

Ethane & Heavier	1.356
Propane & Heavier ...	0.504
Butane & Heavier	0.247
Pentane & Heavier ...	0.151

Specific Gravity (Real): 0.6014
Specific Gravity (Ideal): 0.6002
Z Factor : 0.9977

Kerr McGee Corporation