

See copy & return

MID CONTINENT MEASUREMENT, INC.

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Bristow, OK 74010

10-29-1989

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G A S A N A L Y S I S R E P O R T

Company Name : R.N.G.C.
Lease Number : N/A
Lease Name : FOSTER 1-18
Location ID : LEBSACK OIL

Cylinder # : 43

Sample Pres : 50.00
Sample Temp : 70
Sample Date : 10/14/89
Analysis Date : 89/10/25
Sample Number : 10

Sampled By : W. LEBSACK

C O M P O N E N T		Mole %	GPM
Helium	He	0.000	
Oxygen	O2	0.000	
Carbon Dioxide	CO2	0.131	
Nitrogen	N2	67.094	
Methane	C1	27.486	
Ethane	C2	1.560	0.4150
Propane	C3	1.253	0.3434
I-Butane	IC4	0.485	0.1578
N-Butane	NC4	0.675	0.2117
I-Pentane	IC5	0.255	0.0928
N-Pentane	NC5	0.300	0.1081
Hexane Plus	C6+	0.761	0.3286
Totals		100.000	1.6574

Calculated BTU Values

BTU Dry Ideal 434.1967

BTU Wet Ideal - 426.6417

Gallons Per Thousand

C2 + GPM - 1.6574
C3 + GPM - 1.2424
C4 + GPM - 0.8990
C5 + GPM - 0.5295

Z FACTOR = 0.9990

Specific Gravity

Ideal 0.9000

NOTE : Calculations based on 14.65 Pressure Base and 60 Temperature Base