



Company : Santos Limited  
Source : Casino # 2

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## COMPOSITIONAL ANALYSIS OF Separator Gas Cylinder # : L-392

Component		Mol %	GPM
Hydrogen Sulphide	H2S	0.00	
Carbon Dioxide	CO2	1.05	
Nitrogen	N2	2.00	
Methane	C1	94.25	
Ethane	C2	1.73	0.463
Propane	C3	0.40	0.110
Iso-Butane	iC4	0.17	0.056
N-Butane	nC4	0.14	0.044
Iso-Pentane	iC5	0.03	0.011
N-Pentane	nC5	0.03	0.011
Hexanes	C6	0.07	0.027
Heptanes	C7	0.08	0.034
Octanes	C8	0.02	0.009
Nonanes	C9	0.02	0.010
Decanes	C10	0.01	0.005
Undecanes	C11	0.00	0.000
Dodecanes Plus	C12+	0.00	0.000
TOTAL		100.00	0.780

Pressure Base : 14.696  
Zsc : 0.998

Mol Weight : 17.26  
Gas Gravity : 0.597  
Pc : 666.7  
Tc : 350.8

Mol Weight C6+ : 97.3  
Density C6+ : 0.6855

Mol Weight C7+ : 104.5  
Density C7+ : 0.6949

Mol Weight C10+ : 134.0  
Density C10+ : 0.7278

Mol Weight C11+ : --  
Density C11+ : --

Mol Weight C12+ : --  
Density C12+ : --

Heating Value (BTU/ft3)  
Gross : 1021  
Nett : 920

Wobbe Index : 1321

Zpt \* : 0.993

Date Transferred: October 15, 2002



Company : Santos Limited  
Well : Casino # 2

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# COMPOSITIONAL ANALYSIS OF Separator Gas Cylinder # : L-299

Component		Mol %	GPM
Hydrogen Sulphide	H2S	0.00	
Carbon Dioxide	CO2	0.88	
Nitrogen	N2	2.05	
Methane	C1	94.83	
Ethane	C2	1.61	0.431
Propane	C3	0.42	0.116
Iso-Butane	iC4	0.07	0.023
N-Butane	nC4	0.05	0.016
Iso-Pentane	iC5	0.01	0.004
N-Pentane	nC5	0.01	0.004
Hexanes	C6	0.02	0.008
Heptanes	C7	0.03	0.013
Octanes	C8	0.01	0.005
Nonanes	C9	0.01	0.005
Decanes	C10	0.00	0.000
Undecanes	C11	0.00	0.000
Dodecanes Plus	C12+	0.00	0.000
TOTAL		100.00	0.625

Pressure Base : 14.696  
Zsc : 0.998

Mol Weight : 17.00  
Gas Gravity : 0.588  
Pc : 666.5  
Tc : 348.5

Mol Weight C6+ : 97.7  
Density C6+ : 0.6860

Mol Weight C7+ : 103.2  
Density C7+ : 0.6933

Mol Weight C10+ : --  
Density C10+ : --

Mol Weight C11+ : --  
Density C11+ : --

Mol Weight C12+ : --  
Density C12+ : --

Heating Value (BTU/ft3)  
Gross : 1010  
Nett : 910

Wobbe Index : 1318

Zpt \* : 0.994

Date Transferred: October 15, 2002