

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective September 26, 2017 00:00 - March 20, 2018 00:00

Source #: 100205014
Name: MORRIS 24-4,12,16

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	3.3543		5.0966
Nitrogen, N2	1.5842		1.5322
Methane, C1	56.3480		31.2093
Ethane, C2	14.0493	3.7819	14.5851
Propane, C3	13.5310	3.7521	20.5997
iso-Butane, iC4	1.3571	0.4470	2.7233
n-Butane, nC4	4.9362	1.5664	9.9053
iso-Pentane, iC5	1.1441	0.4211	2.8499
n-Pentane, nC5	1.5325	0.5591	3.8174
Neo-Pentane, NeoC5			
Hexanes, C6	0.6265	0.2593	1.8640
Heptanes, C7	0.7891	0.3665	2.7299
Octanes, C8	0.4615	0.2380	1.8200
Nonanes Plus, C9+	0.2862	0.1621	1.2673
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	102.418	
Cricondentherm	207.195	
HV, Dry @ Base P, T	1607.18	
HV, Sat @ Base P, T	1579.21	
HV, Sat @ Sample P, T	1505.42	
Relative Density	1.0064	

Totals	100.0000	11.5520	100.0000
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Sample

Date: 09/26/2017 Pressure: 22.9
Type: Spot Temperature 130.0
Tech: A. YEAROUS H2O: lbs/mm
H2S: 0 ppm

Remarks:

Analysis

Date: 10/05/2017 Instrument: 101
Cylinder:
Tech: B. GEHRMAN

Remarks: