

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective November 20, 2017 00:00 - January 18, 2038 21:14

Source #: 100205053
Name: CO STATE KOENIG 1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.1688		3.1146
Nitrogen, N2	2.4332		2.2242
Methane, C1	53.7563		28.1404
Ethane, C2	9.9862	2.6846	9.7983
Propane, C3	16.8898	4.6774	24.3024
iso-Butane, iC4	1.8884	0.6212	3.5815
n-Butane, nC4	6.8203	2.1614	12.9353
iso-Pentane, iC5	1.8047	0.6634	4.2488
n-Pentane, nC5	2.1406	0.7800	5.0396
Neo-Pentane, NeoC5			
Hexanes, C6	0.9994	0.4131	2.8103
Heptanes, C7	0.7945	0.3685	2.5978
Octanes, C8	0.2691	0.1386	1.0030
Nonanes Plus, C9+	0.0487	0.0275	0.2038
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	90.993	
Cricondentherm	201.026	
HV, Dry @ Base P, T	1715.22	
HV, Sat @ Base P, T	1685.37	
HV, Sat @ Sample P, T	1632.53	
Relative Density	1.0659	

Totals	100.0000	12.5350	100.0000
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Sample

Date: 11/20/2017 Pressure: 33.9
Type: Spot Temperature 130.0
Tech: A. YEAROUS H2O: lbs/mm
H2S: 0 ppm

Remarks:

Analysis

Date: 11/30/2017 Instrument: 104
Cylinder:

Tech: B. GEHRMAN

Remarks: