

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective February 17, 2017 00:00 - March 23, 2018 00:00

Source #: 100204070
Name: LINNEBURG 1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	1.7417		3.0861
Nitrogen, N2	3.6595		4.1275
Methane, C1	67.3272		43.4872
Ethane, C2	10.8014	2.9018	13.0767
Propane, C3	8.1869	2.2657	14.5349
iso-Butane, iC4	1.2441	0.4090	2.9113
n-Butane, nC4	4.1910	1.3273	9.8074
iso-Pentane, iC5	1.0659	0.3916	3.0963
n-Pentane, nC5	0.9624	0.3504	2.7957
Neo-Pentane, NeoC5			
Hexanes Plus, C6+	0.8201	0.3595	3.0769
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample	C6 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	44.111	
Cricondentherm	138.986	
HV, Dry @ Base P, T	1387.43	
HV, Sat @ Base P, T	1363.28	
HV, Sat @ Sample P, T	1378.26	
Relative Density	0.8613	

C6+: 60 - 30 - 10

Totals	100.0002	8.0050	100.0000
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Sample

Date: 02/17/2017	Pressure:	28.0
Type: Spot	Temperature	61.0
Tech: M. COTNER	H2O:	lbs/mm
	H2S:	1 ppm

Remarks:

Analysis

Date: 02/28/2017	Instrument: 101 A
	Cylinder:
Tech: B. GEHRMAN	

Remarks: