

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective September 12, 2017 08:02 - February 21, 2018 00:00

Source #: 100206029
Name: PAR STATE 28-1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.9816		4.8541
Nitrogen, N2	1.5967		1.6546
Methane, C1	63.7157		37.8118
Ethane, C2	13.0663	3.5140	14.5339
Propane, C3	8.6489	2.3961	14.1080
iso-Butane, iC4	1.0781	0.3548	2.3180
n-Butane, nC4	3.4248	1.0858	7.3635
iso-Pentane, iC5	1.0226	0.3761	2.7293
n-Pentane, nC5	1.2618	0.4600	3.3677
Neo-Pentane, NeoC5			
Hexanes, C6	1.9080	0.7890	6.0824
Heptanes, C7	0.8459	0.3925	3.1355
Octanes, C8	0.1770	0.0912	0.7479
Nonanes, C9	0.2726	0.1543	1.2933
Decanes Plus, C10+	0.0000	0.0000	0.0000
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample	C10 Plus Fraction
Pressure Base	14.730	
Temperature Base	0.00	
HCDP @ Sample Pressure		
Cricondentherm	204.425	
HV, Dry @ Base P, T	1510.36	
HV, Sat @ Base P, T	1484.07	
HV, Sat @ Sample P, T	1509.45	
Relative Density	0.9385	

Totals	100.0000	9.6130	100.0000
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Sample

Date: 09/12/2017 Pressure: 102.0
Type: Spot Temperature 23.1
Tech: H2O: lbs/mm
 H2S: ppm

Remarks:

Analysis

Date: Instrument: B. GEHRMAN
 Cylinder: 08/31/2017
Tech: A. YEAROUS

Remarks: