

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective November 20, 2017 00:00 - May 22, 2018 00:00

Source #: 100203377
Name: PILAND 22-31 #1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.5007		3.8425
Nitrogen, N2	1.2065		1.1800
Methane, C1	56.6060		31.7061
Ethane, C2	16.1537	4.3484	16.9589
Propane, C3	11.5484	3.2024	17.7797
iso-Butane, iC4	1.7415	0.5736	3.5340
n-Butane, nC4	4.9709	1.5774	10.0875
iso-Pentane, iC5	1.6966	0.6245	4.2738
n-Pentane, nC5	1.7579	0.6414	4.4282
Neo-Pentane, NeoC5			
Hexanes, C6	0.8266	0.3421	2.4871
Heptanes, C7	0.5798	0.2693	2.0284
Octanes, C8	0.3030	0.1562	1.2084
Nonanes Plus, C9+	0.1084	0.0614	0.4854
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	11.7950	100.0000

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	83.973	
Cricondentherm	190.622	
HV, Dry @ Base P, T	1617.69	
HV, Sat @ Base P, T	1589.54	
HV, Sat @ Sample P, T	1514.67	
Relative Density	0.9952	

Sample

Date: 11/20/2017 Pressure: 22.7
Type: Spot Temperature 130.0
Tech: C. RIOS H2O: lbs/mm
 H2S: 3 ppm

Remarks:

Analysis

Date: 11/22/2017 Instrument: 104
 Cylinder:
Tech: B. GEHRMAN

Remarks: