

Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas
Partners

Effective February 8, 2018 00:00 - January 18, 2038 21:14

Source #: 100203331
Name: DANFORD CHAMPLIN

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.2113		3.9278
Nitrogen, N2	2.3194		2.6224
Methane, C1	66.3151		42.9371
Ethane, C2	13.2421	3.5577	16.0704
Propane, C3	9.3379	2.5844	16.6186
iso-Butane, iC4	0.9834	0.3233	2.3069
n-Butane, nC4	3.0707	0.9725	7.2033
iso-Pentane, iC5	0.6939	0.2549	2.0206
n-Pentane, nC5	0.8251	0.3005	2.4026
Neo-Pentane, NeoC5			
Hexanes, C6	0.5131	0.2120	1.7846
Heptanes, C7	0.2931	0.1359	1.1853
Octanes, C8	0.1562	0.0804	0.7201
Nonanes Plus, C9+	0.0387	0.0219	0.2003
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	8.4430	100.0000

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	61.631	
Cricondentherm	146.658	
HV, Dry @ Base P, T	1395.01	
HV, Sat @ Base P, T	1370.73	
HV, Sat @ Sample P, T	1390.54	
Relative Density	0.8593	

Sample

Date: 02/08/2018 Pressure: 26.6
Type: Spot Temperature 40.5
Tech: H2O: 0.00 lbs/mm
 H2S: 1 ppm

Remarks:

Analysis

Date: 02/13/2018 Instrument: 101
 Cylinder:
Tech: B. GEHRMAN

Remarks: