

# Gas Composition and Properties

Anadarko, Kerr McGee Gath, Western Gas  
Partners

Effective August 30, 2017 10:12 - August 31, 2017 10:12

Source #: 100204004  
Name: CHAMPLIN 459 AMOCO 1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	1.5560		2.7697
Nitrogen, N2	2.9262		3.3155
Methane, C1	69.2457		44.9313
Ethane, C2	10.5084	2.8230	12.7803
Propane, C3	8.7376	2.4181	15.5837
iso-Butane, iC4	0.8575	0.2819	2.0159
n-Butane, nC4	2.8387	0.8990	6.6734
iso-Pentane, iC5	0.6201	0.2278	1.8096
n-Pentane, nC5	0.7752	0.2823	2.2622
Neo-Pentane, NeoC5			
Hexanes, C6	0.6200	0.2561	2.1610
Heptanes, C7	0.7288	0.3378	2.9537
Octanes, C8	0.5203	0.2678	2.4039
Nonanes Plus, C9+	0.0655	0.0370	0.3398
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	85.489	
Cricondentherm	183.691	
HV, Dry @ Base P, T	1398.11	
HV, Sat @ Base P, T	1373.77	
HV, Sat @ Sample P, T	1310.08	
Relative Density	0.8574	

C9+: 50 - 50

Totals	100.0000	7.8310	100.0000
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## Sample

Date: 08/31/2017	Pressure:	23.1
Type: Spot	Temperature	130.0
Tech: M. COTNER	H2O:	lbs/mm
	H2S:	2 ppm

Remarks:

## Analysis

Date: 08/31/2017	Instrument: 103
	Cylinder:
Tech: B. GEHRMAN	

Remarks: