

Print Date Time: 08/19/2017 12:02

Lab Name: Paragon Automation
Analyzed By: Justin Anthony
Meter ID: Mutual 4-30H
Sand Ridge Energy

Analysis Time: 08/19/2017 14:21 Sample Type: Spot
Flowing Temp.: 99 Deg. F Flowing Pressure: 29

psig
ft

Calibration Elevation: 5300 ft Location Elevation: 8255

Comp	UnNorm	Normal	Liquids	Ideal	
Rel. Density	%	%	(USgal/MCF)	(Btu/SCF)	
Propane	8.72966	8.76708	2.42598	220.58841	0.13348
IsoButane	1.03816	1.04261	0.34269	33.90452	0.02092
Butane	3.84691	3.86340	1.22336	126.03570	0.07753
IsoPentane	0.74932	0.75253	0.27643	30.10797	0.01875
Pentane	0.93401	0.93801	0.34152	37.60203	0.02337
Hexane+	0.45306	0.45500	0.18793	21.63955	0.01354
Nitrogen	0.71637	0.71944	0.07950	0.00000	0.00696
Methane	70.79518	71.09865	12.10656	718.09637	0.39382
Carbon Dioxide	1.68156	1.68877	0.28948	0.00000	0.02566
Ethane	10.62895	10.67451	2.86736	188.90683	0.11082

Total 99.57317 100.00000 20.14080 1376.88135
0.82839
Elevation (-2955ft) 4.90561

Inferior Wobbe 1500.1016 (Btu/SCF) Superior Wobbe
1523.3657 (Btu/SCF)
Compressibility 0.9954 Density 0.0634
(lbm/ft3)
Real Rel. Density 0.8284 Ideal CV
1376.8813 (Btu/SCF)
Wet CV 1362.4445 (Btu/SCF) Dry CV
1386.5087 (Btu/SCF)
Contract Temp. 60.0000 (deg F) Contract Press. 14.7300
(psia)
Number of Cycles 1 Connected Stream 1
Atmospheric Pressure 11.3