

Print Date Time: 08/18/2017 09:23

Lab Name: Paragon Automation  
Analyzed By: Justin Anthony  
Meter ID: Mutual 7-17  
Sand Ridge Energy

Analysis Time: 08/18/2017 11:49 Sample Type: Spot  
Flowing Temp.: 96 Deg. F Flowing Pressure: 28

psig

Calibration Elevation: 5300 ft Location Elevation: 8200  
ft

Comp	UnNorm	Normal	Liquids	Ideal	
Rel. Density	%	%	(USgal/MCF)	(Btu/SCF)	
Propane	14.60653	14.77403	4.09533	371.72940	0.22494
IsoButane	1.65158	1.67052	0.55004	54.32370	0.03352
Butane	6.03977	6.10903	1.93783	199.29500	0.12260
IsoPentane	1.05798	1.07011	0.39377	42.81405	0.02666
Pentane	1.21074	1.22463	0.44665	49.09160	0.03051
Hexane+	0.58924	0.59600	0.24660	28.34494	0.01773
Nitrogen	0.50690	0.51271	0.05675	0.00000	0.00496
Methane	58.59991	59.27189	10.11035	598.64606	0.32831
Carbon Dioxide	2.43188	2.45977	0.42238	0.00000	0.03738
Ethane	12.17174	12.31131	3.31281	217.87332	0.12782

Total 98.86628 100.00000 21.57251 1562.11804

0.96020

Elevation (-2900ft) 4.80763

Inferior Wobbe 1584.9784 (Btu/SCF) Superior Wobbe  
1608.1198 (Btu/SCF)  
Compressibility 0.9936 Density 0.0735  
(lbm/ft3)  
Real Rel. Density 0.9602 Ideal CV  
1562.1180 (Btu/SCF)  
Wet CV 1548.4365 (Btu/SCF) Dry CV  
1575.7892 (Btu/SCF)  
Contract Temp. 60.0000 (deg F) Contract Press. 14.7300  
(psia)  
Number of Cycles 1 Connected Stream 1  
Atmospheric Pressure 11.3