

Print Date Time: 08/18/2017 16:06

Lab Name: Paragon Automation

Analyzed By: Justin Anthony

Meter ID: Mutual 0780 2-8H

Sand Ridge Energy

Analysis Time: 08/18/2017 18:07 Sample Type: Spot

Flowing Temp.: 79 Deg. F Flowing Pressure: 105 psig

Calibration Elevation: 5300 ft Location Elevation: 8140 ft

Comp	UnNorm %	Normal %	Liquids (USgal/MCF)	Ideal (Btu/SCF)	Rel. Density
Propane	8.24790	8.25974	2.28469	207.82326	0.12576
IsoButane	0.91486	0.91618	0.30101	29.79310	0.01839
Butane	3.34025	3.34504	1.05881	109.12537	0.06713
IsoPentane	0.65468	0.65562	0.24073	26.23063	0.01633
Pentane	0.75724	0.75832	0.27599	30.39885	0.01889
Hexane+	0.34548	0.34598	0.14285	16.45440	0.01029
Nitrogen	1.05561	1.05713	0.11677	0.00000	0.01022
Methane	73.35209	73.45737	12.50327	741.91937	0.40688
Carbon Dioxide	2.43813	2.44163	0.41837	0.00000	0.03710
Ethane	8.75044	8.76300	2.35296	155.07877	0.09098

Total 99.85668 100.00000 19.69544 1316.82373 0.80511
Elevation (-2840ft) 4.70104

Inferior Wobbe 1454.4263 (Btu/SCF) Superior Wobbe 1477.2573 (Btu/SCF)

Compressibility 0.9957 Density 0.0616 (lbm/ft3)

Real Rel. Density 0.8051 Ideal CV 1316.8237 (Btu/SCF)

Wet CV 1302.5074 (Btu/SCF) Dry CV 1325.5087 (Btu/SCF)

Contract Temp. 60.0000 (deg F) Contract Press. 14.7300 (psia)

Number of Cycles 1 Connected Stream 1

Atmospheric Pressure 10.94