

Natural Gas Analysis Report

SAN JUAN DIVISION

JUN 16 2015

Sample Information

	Sample Information
Sample Name	BERGER A2S BH <i>API- 30045 32985</i>
TECH	Tim Doering
GC Serial	GC1008B621
Report Date	2015-05-06 09:27:31

Component Results

Component Name	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.9184	0.0	0.00888	0.101
Oxygen	0.0187	0.0	0.00021	0.002
Methane	96.7211	979.1	0.53574	16.428
Carbon Dioxide	0.4034	0.0	0.00613	0.069
Ethane	1.3396	23.8	0.01391	0.359
Propane	0.0306	0.8	0.00047	0.008
I-Butane	0.0661	2.2	0.00133	0.022
N-Butane	0.1450	4.7	0.00291	0.046
I-Pentane	0.0612	2.5	0.00152	0.022
N-Pentane	0.1134	4.6	0.00282	0.041
Hexanes	0.1105	5.3	0.00329	0.046
Heptanes	0.0533	2.9	0.00184	0.025
Octanes	0.0069	0.4	0.00027	0.004
Nonanes	0.0118	0.8	0.00052	0.007
Hydrogen Sulfide	0.0000	0.0	0.00000	0.000
Water	0.0000	0.0	0.00000	0.000
Total:	100.0000	1027.0	0.57984	17.179

Results Summary

Result	Dry	Sat.
Total Normalized Mole%	100.0000	100.0000
Pressure Base (psia)	14.730	
Flowing Temperature (Deg. F)	50.0	
Flowing Pressure (psia)	25.0	
Gross Heating Value (BTU / Real cu.ft.)	1029.2	1011.7
Relative Density (G), Real	0.5808	0.5818
Compressibility (Z) Factor	0.9979	0.9975
Total GPM	17.179	16.985