



30-045-24988
Cading
Gas Analysis Certificate

GPA Standard 2261-13

Acquisition Method Name au_report_150_C6+
Last calibration date 7/10/2015 10:21:38 AM

Client	BP	Project #	03143-0880
Site Name	Heaton LS #9A	Meter ID	3004524988 (CSG)
Sampled by	Sawyer M.	Date Sampled	07-20-15
Analyzed by	Logan Richter	Date Received	07-20-15
Sample Pressure	85 psig	Date Analyzed	07-22-15
Sample Temperature	N/A	Analysis Time	Standard

Component Results (14.696)

Name	Qty (Norm) [Mol %]	Wt Percent (%)	GPM
Helium	0.016	0.004	0.002
Oxygen	0.211	0.392	0.019
Nitrogen	2.564	4.162	0.282
Carbon Dioxide	0.062	0.159	0.011
Methane	93.399	86.819	15.828
Ethane	2.204	3.840	0.589
Propane	0.944	2.412	0.260
i-Butane	0.295	0.992	0.096
n-Butane	0.143	0.480	0.045
i-Pentane	0.075	0.313	0.027
n-Pentane	0.028	0.119	0.010
C6+	0.058	0.307	0.025
	100.000	100.000	17.194

Calculations at Pressure Base 14.696

Compressibility (Z) (Dry Gas)	0.99784	C2+	1.053
Density (G) (Dry Gas)	0.59591	C3+	0.464
Component MW Total	17.26	C5+	0.063
Heating Value (Dry Ideal) Total BTU	1027.42	Heating Value (Sat Ideal) Total BTU	1009.50
Heating Value (Dry Real) Total BTU	1029.65	Heating Value (Sat Real) Total BTU	1011.61

23.07.2015 10:55:44

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