

WPI 50-045-246101

Casing

Gas Analysis Certificate

GPA Standard 2261-13



Acquisition Method Name au_report_150_C6+
 Last calibration date 9/28/2015 11:07:06 AM

Client:	BP	Project #:	03143-0880
Site Name:	GCU 201E	Meter ID:	3004526189 (CSG)
Sampled by:	Daniel F.	Date Sampled	09-14-15
Analyzed by:	Logan Richter	Date Received:	10-15-15
Sample Pressure:	138 psig	Date Analyzed:	10-16-15
Sample Temperature	N/R	Analysis Time:	Standard

Component Results (14.696)

Name	Qty (Norm) [Mol %]	Wt Percent (%)	GPM
Helium	0.000	0.000	0.000
Oxygen	0.010	0.014	0.001
Nitrogen	0.485	0.639	0.053
Carbon Dioxide	1.075	2.227	0.184
Methane	78.947	59.619	13.399
Ethane	10.935	15.478	2.928
Propane	4.699	9.755	1.296
i-Butane	0.833	2.278	0.273
n-Butane	1.369	3.746	0.432
i-Pentane	0.526	1.788	0.193
n-Pentane	0.427	1.451	0.155
C6+	0.695	3.005	0.303
	100.000	100.000	19.216

Calculations at Pressure Base 14.696

Compressibility (Z) (Dry Gas)	0.99633	C2+	5.580
Density (G) (Dry Gas)	0.73378	C3+	2.652
Component MW Total	21.24	C5+	0.651
Heating Value (Dry Ideal) Total BTU	1254.67	Heating Value (Sat Ideal) Total BTU	1232.78
Heating Value (Dry Real) Total BTU	1259.29	Heating Value (Sat Real) Total BTU	1237.15

21.10.2015 14:31:08

11/01/2015

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