

Acadian Gas Pipeline (Bubble Site vs. Pipeline Comparison)

*Each sample ran in Duplicate (Ran two separate gas bags for Bubble sample).

	Bubble Site	Bubble Site (Dup.)	Chico B Pipeline	Chico B Pipeline (Dup.)	Chico D Pipeline	Chico D Pipeline (Dup.)	Natural Gas Standard	
	6/22/12 @ 1100	6/22/12 @ 1100	6/22/12 @ 1030	6/22/12 @ 1030	6/22/12 @ 1015	6/22/12 @ 1015	Serial # 547329	Ran 6/22/12 @ 1230
Component	Mole %	Mole %	Mole %	Mole %	Mole %	Mole %	Standard Amt. Mole %	Lab Run Mole %
Argon+Oxygen	2.247	2.874	0.063	0.064	0.000	0.000	0.000	0.006
Nitrogen	11.280	12.714	0.554	0.552	0.261	0.263	0.998	0.989
Carbon Dioxide	1.654	1.573	0.869	0.872	1.105	1.108	0.503	0.500
Methane	82.473	80.450	96.715	96.714	91.350	91.358	94.750	94.759
Ethane	1.674	1.693	1.676	1.675	4.165	4.164	1.988	1.986
Propane	0.454	0.466	0.106	0.106	1.566	1.563	0.758	0.758
Isobutane	0.111	0.115	0.007	0.007	0.508	0.507	0.302	0.301
n-Butane	0.063	0.065	0.006	0.006	0.416	0.415	0.302	0.301
Isopentane	0.019	0.019	0.001	0.001	0.192	0.191	0.150	0.149
n-Pentane	0.010	0.008	0.000	0.000	0.123	0.122	0.150	0.150
n-Hexane	0.009	0.018	0.003	0.004	0.307	0.302	0.099	0.100
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Specific Gravity @60 F	0.642	0.650	0.574	0.574	0.628	0.628		
BTU Dry @14.73	884.9	865.6	1014.2	1014.2	1098.4	1098.0		

Sample Information:

- 1- Bubble Site samples caught in 3 plastic gas bags (very low pressure) by Danny Zeringue on 06/22/12 @ 1000 - 1100.
- 2- Acadian Chico B Pipeline sample caught in 1 sample bomb (838.1psig) by Chad Matherne on 06/22/12 @ 1030. Remarks # 7310.
- 3- Acadian Chico D Pipeline sample caught in 1 sample bomb (833.7psig) by Chad Matherne on 06/22/12 @ 1015. Remarks # 7357.

- 4- Natural Gas Standard #1 Serial # 547329 Made on 01/26/12 by DCG.