

Sample Location: Monitoring Well (Moon 1)  
No longer in use

Laboratory Analytical Report Summary

Test Parameter	Units	Analytical Results																									
		11/14/2007	Delta 13C	Delta D	1st Quarter 2008 02/15/2008	Delta 13C	Delta D	2nd Quarter 2008 06/12/08	Chemical Air Free Vol %	Delta 13C	Delta D	3rd Quarter 2008 09/16/08	Delta 13C	Delta D	1st quarter 2009 02/09/09	2nd Quarter 2009 04/01/09	Delta 13C	Delta D	3rd Quarter 2009 07/29/09	Delta 13C	Delta D	4th Quarter 2009 11/18/09	Delta 13C	Delta D	1 st Quarter 2010 02/03/10	Delta 13C	Delta D
Methane	mg/l	6			11			5.30				2.4			5.6	6.7			6.60			3.3			3.6		
Carbon Monoxide	Chemical Mol. %	0			0			ND	nd			ND				ND			ND			ND			ND		
Hydrogen Sulfide	Chemical Mol. %							ND	nd			ND				ND			ND			ND			ND		
Helium	Chemical Mol. %	0.0141						ND	nd			ND				ND			ND			ND			ND		
Hydrogen	Chemical Mol. %	0.0033						ND	nd			ND				ND			ND			ND			ND		
Argon	Chemical Mol. %	0.655			0.21			0.28	0.018			0.817				0.125			NA			0.18			0.99		
Oxygen	Chemical Mol. %	9.41			1.80			2.77				3.70				2.51			3.71			4.94			0.97		
Nitrogen	Chemical Mol. %	59.95			14.77			16.52	7.14			54.25				7.10			7.82			9.24			58.62		
Carbon Dioxide	Chemical Mol. %	0.21			0.31			0.52	0.60			1.11				0.55			0.62			0.72			1.17		
Methane	Chemical Mol. %	27.21	-47.81	193.5	74.74	-46.77	188.1	71.99	82.95	-46.29	184.0	36.75	-46.28	-186.8		79.88	-44.42	-189.2	77.90	-43.64	-184.6	75.05	-42.98	-182.8	35.22	-44.31	-186.6
Ethane	Chemical Mol. %	1.82	-27.94		5.27	-28		5.37	6.19	-27.14		2.43	-26.47			6.56	-27.95		6.70	-27.82		6.63	-27.85		2.27	-27.42	
Ethylene	Chemical Mol. %	0			0			ND	ND			ND				ND			ND			ND			0.0004		
Propane	Chemical Mol. %	0.58	-24.07		2.05	-25.5		1.86	2.14	-25.05		0.678	-24.92			2.33	-25.73		2.38	-25.53		2.33	-25.66		0.559	-24.64	
Iso-butane	Chemical Mol. %	0.0958			0.418			0.34	0.39			0.153				0.4090			0.400			0.397			0.1180		
N-butane	Chemical Mol. %	0.0422			0.303			0.25	0.29			0.0819				0.3760			0.3310			0.3520			0.0536		
Iso-pentane	Chemical Mol. %	0.0099			0.0905			0.066	0.076			0.0233				0.0895			0.0795			0.0838			0.0189		
N-pentane	Chemical Mol. %	0.001			0.0192			0.023	0.027			0.0065				0.0454			0.0389			0.0416			0.0029		
Hexanes +	Chemical Mol. %	0.0014			0.023			0.014	0.016			ND				0.0266			0.0210			0.0390			0.0032		