



# Geochemical report for the Dalsnuten (6603/5-1S) exploration well



## **2. Geochemical Analyses**

### **2.1. Isotubes**

Isotube samples were analysed by IsoLab BV, The Netherlands.





Sample code	Depth (m, MD)		Gas	Methane	C2-C9	%C1 in total gas	Gas composition								Isotope ratios (CSIA)									
	Top	Bottom	Compositions	Carbon isotope	Carbon isotope		Methane	Ethane	Ethane	Propane	Propane	i-C4	n-C4	i-C5	n-C5	Methane	Ethane	Ethane	Propane	Propane	i-C4	n-C4	i-C5	n-C5
FPC_915616	4310	4310	No	No	No																			
FPC_915617	4340	4340	4/11/2011	4/21/2011	5/2/2011	0.077	95.7	1.6	0.87	0.74	0.62		0.28		0.24	-37.3	-32	-31	-31	-31		-28	(-28)	-28
FPC_915618	4353	4353	No	No	No																			
FPC_915619	4370	4370	No	No	No																			
FPC_915620	4400	4400	4/11/2011	4/21/2011	No	0.085	95.4	1.5	0.84	0.9	0.75		0.34		0.25	-37.6								
FPC_915621	4430	4430	No	No	No																			
FPC_915622	4460	4460	No	No	No																			
FPC_915623	4490	4490	No	No	No																			
FPC_915624	4495	4495	4/11/2011	4/21/2011	5/2/2011	0.2	97.6	0.93	0.33	0.45	0.31		0.2		0.15	-38.2	-34	-32	-31	-31		-29	(-29)	-28
FPC_915625	4520	4520	No	No	No																			
FPC_915626	4550	4550	No	No	No																			
FPC_915627	4580	4580	No	No	No																			
FPC_915628	4610	4610	4/11/2011	4/21/2011	5/2/2011	0.076	94	1.7	1.2	1.2	1.1		0.56		0.3	-37.2	-33	-32	-30	-31		-28	(-28)	-28
FPC_915629	4640	4640	No	No	No																			
FPC_915630	4670	4670	No	No	No																			
FPC_915631	4700	4700	No	No	No																			
FPC_915632	4721	4721	4/11/2011	4/21/2011	No	0.15	94	1.8	1.1	1.1	1.2		0.52		0.29	-38.0								
FPC_915633	4730	4730	4/11/2011	4/21/2011	No	0.12	89.8	2.7	2.7	1.6	2.1		0.69		0.39	-37.3								
FPC_915634	4749	4749	No	No	No																			
FPC_915635	4760	4760	No	No	No																			
FPC_915636	4790	4790	4/11/2011	4/21/2011	No	0.11	92.7	1.7	1.4	1.3	1.5	0.11	0.74	0.086	0.42	-37.6								
FPC_915637	4820	4820	No	No	No																			
FPC_915638	4834	4834	4/11/2011	4/21/2011	No	0.18	95.1	1.5	0.62	0.97	0.98		0.49		0.28	-37.5								
FPC_915639	4850	4850	No	No	No																			
FPC_915640	4862	4862	No	No	No																			
FPC_915641	4880	4880	4/11/2011	4/21/2011	5/2/2011	0.11	88.6	2.8	3.1	1.9	2.2	0.079	0.84		0.51	-37.1	-33		-30	-31	-29	-28	(-25)	-28
FPC_915642	4910	4910	No	No	No																			
FPC_915643	4940	4940	4/11/2011	4/21/2011	No	0.098	82.5	4.2	5.3	2.6	3.5	0.14	1.2		0.67	-37.0								
FPC_915644	4947	4947	No	No	No																			
FPC_915645	4970	4970	4/11/2011	4/21/2011	No	0.065	74.6	6.3	7.9	3.6	5	0.17	1.5		0.92	-37.1								
FPC_915646	4975	4975	4/11/2011	4/21/2011	No	0.099	89.9	2.5	1.9	1.8	2.2	0.13	0.95		0.59	-37.7								
FPC_915647	5000	5000	No	No	No																			
FPC_915648	5010	5010	No	No	No																			
FPC_915649	5030	5030	No	No	No																			
FPC_915650	5060	5060	No	No	No																			
FPC_915651	5090	5090	4/11/2011	4/21/2011	No	0.078	57	10.2	13.3	5.9	9.5	0.25	2.4	0.11	1.3	-36.2								
FPC_915652	5091	5091	No	No	No																			
FPC_915653	5123	5123	4/11/2011	4/21/2011	5/2/2011	0.06	51.7	11.4	13.6	7.1	11.1	0.34	3.1	0.087	1.7	-37.0	-32		-28	-30	-25	-27	-27	-27
FPC_915654	5150	5150	No	No	No																			
FPC_915655	5180	5180	No	No	No																			
FPC_915656	5199	5199	4/11/2011	4/21/2011	5/2/2011	0.36	91.7	2.3	1.4	1.4	1.8	0.062	0.78	0.043	0.51	-38.0	-34	-21	-29		-30	-28	-26	-27
FPC_915657	5200	5200	4/11/2011	4/21/2011	No	0.29	91.6	2.1	1.5	1.5	1.9	0.066	0.82		0.54	-37.5								
FPC_915658	5230	5230	No	No	No																			
FPC_915659	5255	5255	4/11/2011	4/21/2011	5/2/2011	0.022	45	12.1	12.6	8.6	11.8	0.35	5.2	0.25	4.1	-33.4	-33	-28	-28	-29	-28	-27	-25	-26