

**SUMMARY RE: CENTRICA LEASES**

With respect to Centrica's Leases (as defined in Centrica's submissions):

- There are 57 leases;
- There are 19 lease forms;
- There are 6 granting clauses used;
- There are 6 definitions of "leased substances" used; and
- The years of the Leases range from 1973 to 2003.

FORM	GRANTING CLAUSE	DEFINITION OF LEASED SUBSTANCES	YEARS	FILE NO.
C.A.P.L. 91 ALTA.	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands; together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1997	M001409
			1997	M001410
			1997	M001411
			1997	M001412
			1997	M001430
C.A.P.L. 91 ALTA.	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any	1(e) "leased substances" means all petroleum, natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with petroleum, natural gas or	2002	M001491
			2002	M001492
			2003	M001493
			2002	M001482
			2002	M001483
			2002	M001484
2002	M001485			

	lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands; together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	related hydrocarbons or found in any water contained in any reservoir;	2002 2002 2002 2002 2002 2003 2003 2003 2002 2002 2002 2002 2002 2002	M001486 M001487 M001488 M001489 M001490 M001514 M001515 M001516 M001476 M001477 M001478 M001479 M001480 M001481
Farwest Business Forms Ltd.	DOES HEREBY GRANT AND LEASE unto the Lessee all the natural gas and related hydrocarbons (except petroleum, coal and valuable stone), all other gases, and all minerals and substances (whether liquid, solid or gaseous and whether hydrocarbons or not) produced in association with any of the foregoing or found in any water contained in any reservoir (hereinafter referred to as "leased substances") within, upon or under the said lands, or any lands excepted therefrom, or roadways, lanes and rights of way upon or adjoining the said lands, the leased substances within, upon or under which at the date hereof are, or during the term hereof become, vested in the Lessor. ...	...all the natural gas and related hydrocarbons (except petroleum, coal and valuable stone), all other gases, and all minerals and substances (whether liquid, solid or gaseous and whether hydrocarbons or not) produced in association with any of the foregoing or found in any water contained in any reservoir...	1986	M001607
FORM 551	DOES HEREBY GRANT AND LEASE unto the Lessee the leased substances in the demised estate together with the exclusive right and privilege to explore and drill for, win, take, remove and dispose of the leased substances,...	1(e) "leased substances" – means petroleum, natural gas and related hydrocarbons except coal.	1986	M001606
FORM 551A	DOES HEREBY GRANT AND LEASE unto the Lessee the leased substances in the demised estate	1(e) "leased substances" - means natural gas and includes associated	1986	M001609

	together with the exclusive right and privilege to explore and drill for, win, take, remove and dispose of the leased substances,...	substances to the extent only that the rights thereto belong to the Lessor by virtue of its ownership of the natural gas rights.		
C.A.P.L. 88 ALTA.	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands; together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all petroleum, natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with petroleum, natural gas or related hydrocarbons or found in any water contained in any reservoir;	1997 1997 1997	M001431 M001391 M001392
C.A.P.L. 88 ALTA.	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands; together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1997 2000 2000 2000 2000 2000 1993	M001432 M001386 M001387 M001388 M001389 M001390 M001465

	lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.			
FORM L & G 8 ALBERTA	DOTH HEREBY GRANT AND LEASE unto the Lessee all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir (all hereinafter referred to as the "leased substances"), subject to the royalties hereinafter reserved, within, upon or under the lands hereinbefore described and all the right, title, estate, and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from, or roadways, lanes or rights-of-way adjoining, the lands aforesaid, together with the exclusive right and privilege to explore, drill for, win, take, remove, store and dispose of the leased substances and for the said purposes to drill wells, lay pipe lines and build and install such tanks, stations, structures and roadways as may be necessary, and, insofar as the Lessor has the right so to grant, and for the said purposes, the right of entering upon, using and occupying the said lands or so much thereof and to such an extent as may be necessary or convenient.	...all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir...	1987 1987 1979	M001215 M001214 M000476
Fletcher	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the Leased Substances subject to the royalties hereinafter reserved, within, upon or under the Lands; together with the exclusive right and privilege to explore for,	1(g) "Leased Substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether	2000 2000	M001226 M000401

	drill for, operate for, produce, win, take, remove, store, treat and dispose of the Leased Substances and the right to inject substances into the Lands for the purpose of obtaining, maintaining or increasing production from the Lands, the Pooled Lands or the Unitized Lands and to store and recover any such substances injected into the Lands.	hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;		
(Unknown)	DOTH HEREBY GRANT AND LEASE unto the Lessee all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir (all hereinafter referred to as the "leased substances"), subject to the royalties hereinafter reserved, within, upon or under the lands hereinbefore described and all the right, title, estate, and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from, or roadways, lanes or rights-of-way adjoining, the lands aforesaid, together with the exclusive right and privilege to explore, drill for, win, take, remove, store and dispose of the leased substances and for the said purposes to drill wells, lay pipe lines and build and install such tanks, stations, structures and roadways as may be necessary.	...all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir...	1973	M000482
FORM WLS P&NG (L.&G. 2)	DOTH HEREBY GRANT AND LEASE unto the Lessee all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water	...all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an	1982 1981	M000477 M000479

	<p>contained in an oil or gas reservoir (all hereinafter referred to as the "leased substances"), subject to the royalties hereinafter reserved, within, upon or under the lands hereinbefore described and all the right, title, estate, and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from, or roadways, lanes or rights-of-way adjoining, the lands aforesaid, together with the exclusive right and privilege to explore, drill for, win, take, remove, store and dispose of the leased substances and for the said purposes to drill wells, lay pipe lines and build and install such tanks, stations, structures and roadways as may be necessary.</p>	<p>oil or gas reservoir...</p>		
<p>FORM L&amp;G</p>	<p>DOTH HEREBY GRANT AND LEASE unto the Lessee all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir (all hereinafter referred to as the "leased substances"), subject to the royalties hereinafter reserved, within, upon or under the lands hereinbefore described and all the right, title, estate, and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from, or roadways, lanes or rights-of-way adjoining, the lands aforesaid, together with the exclusive right and privilege to explore, drill for, win, take, remove, store and dispose of the leased substances and for the said purposes to drill wells, lay pipe lines and build and install such tanks, stations, structures and roadways as may be necessary, and, insofar as the Lessor has the</p>	<p>...all the petroleum, natural gas and related hydrocarbons (except coal and valuable stone), all other gases, and all minerals and substances (whether liquid or solid and whether hydrocarbon or not) produced in association with any of the foregoing or found in any water contained in an oil or gas reservoir...</p>	<p>1981 1979 1979</p>	<p>M000478 M000480 M000481</p>

	right so to grant, and for the said purposes, the right of entering upon, using and occupying the said lands or so much thereof and to such an extent as may be necessary or convenient.			
FORM 91AB 3-99045-2	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00565
FORM 91AB 3-99045-1	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00566

	to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.			
FORM 88ab 3-99045-6	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00511
FORM 88ab 3-990045-5	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take,	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00512

	remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.			
FORM 88ab 3-990045-4	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00513
FORM 88ab 3-99045-7	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00515

	and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.			
FORM 88ab 3-99045-8	HEREBY GRANTS AND LEASES exclusively unto the Lessee all the leased substances (as hereinafter defined) subject to the royalties hereinafter reserved, within, upon or under the said lands, together with all of the present or future right, title, estate and interest, if any, of the Lessor in and to the leased substances or any of them within, upon or under any lands excepted from the said lands and any roadways, lanes or rights of way adjoining the said lands, together with the exclusive right and privilege to explore for, drill for, operate for, produce, win, take, remove, store, treat and dispose of the leased substances and the right to inject substances into the said lands for the purpose of obtaining, maintaining or increasing production from the said lands, the pooled lands or the unitized lands and to store and recover any such substances injected into the said lands.	1(e) "leased substances" means all natural gas and related hydrocarbons (except coal), and all materials and substances (except valuable stone), whether liquid, solid or gaseous and whether hydrocarbons or not, produced in association with natural gas or related hydrocarbons or found in any water contained in any reservoir;	1999	M00528