

## Designated Oil Pool Information

FIELD	POOL	Discov. Year	Avg. Depth Producing Zone (m)	Oil Density kg/m3	Sulphur Content g/kg	2003 Active Wells		2003 Production (103m3)	Cum. Oil Production to Dec. 31/03 (103m3)	Remaining Proved Oil Reserves at Dec. 31/03 (103m3)	Remarks
						Oil Producers	Other				
Daly	Lodgepole A	1951	775	859	14.8	177	31	52.2	4426.3	910.9	P & W
	Lodgepole B	1954	765	850	12.9	16	1	3.6	316.6	26.3	P
	Lodgepole C	1954	745	856	13	5	0	0.5	160.3	1.5	P
	Lodgepole D	1954	795	850	12	76	4	12	492.4	73	P & Term. W
	Lodgepole E	1951	765	861	16.2	20	2	14	245.4	65.5	P
	Lodgepole F	1955	840	854	14.8	6	0	1.4	50.3	3.3	P & Term. W
	Lodgepole I	1985	825	850	12	2	0	0.2	6.1	1.7	P
	Lodgepole O	1993	750	--	--	0	0	0	1.2	0	Inactive
	Lodgepole P	1986	785	--	--	0	0	0	0.3	0	Inactive
	Lodgepole Q	1986	770	--	--	2	0	0.2	6.7	0.8	P
	Lodgepole S	1986	860	--	--	1	0	0	4	0	P
	Lodgepole T	1998	810	--	--	2	0	0.2	1.7	0.3	P
	Bakken A	1985	875	824	1.3	29	5	11.2	229.8	94.5	P & W
	Bakken B	1986	815	--	--	7	0	0.3	23.1	0.8	P
	Bakken I	1992	834	821	--	18	1	7.6	50.3	41.8	P&W
	Bakken J	1993	785	834	2.5	1	0	0.1	3.2	0.5	P
	Bakken M	1993	807	--	--	2	0	0.2	2.7	0.3	P
	Bakken N	1993	880	802	--	6	0	2	15.9	17.2	P
	Bakken P	1995	844	--	--	2	0	0.2	1.6	0.5	P
	Bakken Q	1994	831	825	--	3	0	0.3	4.1	0.4	P
	Bakken R	1995	905	833	5.7	1	0	0	1	0.1	P
	Bakken V	1995	862	--	--	1	0	0.2	2.2	0.9	P

	Bakken X	1996	826	--	--	1	0	0	0.4	0	P
	Bakken Z	1999	878	--	--	16	0	5.7	15.3	46.8	P
	Bakken AA	1999	842	--	--	2	0	0.3	0.9	0.5	P
	Bakken BB	2000	912	--	--	2	0	0.7	2.4	1.9	P
	Bakken-Three Forks A	2002	815	--	--	8	3	2.9	100.4	19.8	P&W
	Bakken-Three Forks B	2002	826	--	--	51	0	15.4	62.7	80.8	P
	Abandoned Pools	--	--	--	--	--	--	--	3		Abandoned
	Daly Total					457	47	131.4	6230.3	1390.1	
Tilston	Mission Canyon 1 A	1952	945	856	9.2	9	1	2.2	131.7	11.9	P
	Mission Canyon 1 C	1983	935	848	7.99	9	1	6	206.6	16	P
	Mission Canyon 1 D	1983	935	848	7.99	4	0	1.1	58.7	2.7	P
	Tilston Total					22	2	9.3	397	30.6	
Waskada	Lower Amaranth A	1980	915	842-859	6.95-8.20	236	88	77.2	2871.2	695.2	P & W
	Lower Amaranth I	1982	895	--	--	4	0	1.1	2.8	2.6	P
	Lower Amaranth M	1992	955	--	--	34	4	20.8	74	148.4	P & W
	Lower Amaranth N	2002	915	--	--	1	0	0.7	1.1	0.9	P
	Mission Canyon 3b A	1967	930	834	7.9	3	0	0.8	173.2	1.5	P
	Mission Canyon 3b B	1981	935	842	7.35	8	0	1.5	144.7	4.3	P & Term. W

	Mission Canyon 3a A	1981	930	839	7.12	3	0	0.8	50.8	1.4	P & Susp. W
	Mission Canyon 3a C	1982	930	840	8.36	3	0	0.9	42	0.8	P & Term. W
	Mission Canyon 3a E	1982	930	839	6.96	4	0	0.6	42.8	1.1	P
	Mission Canyon 3a I	1983	925	839	6.96	4	0	1	71.9	2.2	P
	Mission Canyon 3a K	1984	930	839	6.96	1	1	0.1	10.9	0.1	P
	Mission Canyon 3a L	1984	910	--	--	0	0	0	1.6	0	Inactive
	Mission Canyon 1 D	1982	900	838	8.21	0	0	0	11.6	0	Inactive
	Mission Canyon 1 E	1982	910	--	--	1	0	0	1.6	0	P
	Mission Canyon 1 I	1990	890	--	--	0	0	0	0.2	0	Inactive
	Mission Canyon 1 J	2001	935	--	--	1	0	0	0.3	0	P
	Mission Canyon 1 K	1965	900	844	8.3	0	0	0	6	0	Inactive
	Abandoned Pools	--	--	--	--	--	--	0	68.7		Abandoned
	Waskada Total					303	93	105.5	3575.4	858.5	
Lulu Lake	Lodgepole WL A	1953	1000	847	9.48	1	0	1.4	57.5	2.9	P
	Lodgepole WL B	1984	1010	850	8.5	3	0	3.5	56.2	11.9	P
	Lulu Lake Total					4	0	4.9	113.7	14.8	
Virден	Lodgepole A	1953	610	860	14	221	62	122.8	11991.4	701.2	P & W

	Lodgepole B	1953	610	852	13.1	181	47	58.9	7607.1	342.9	P & W
	Lodgepole C	1955	635	852	12.8	57	5	42.5	2530.3	151.2	P & Term. W
	Lodgepole D	1964	630	857	13.3	11	4	9	575.1	49	P & W
	Lodgepole E	1956	645	851	13.7	1	1	0.4	27.4	2.3	P
	Lodgepole J	1998	660	--	--	1	0	0.5	3.9	1.3	P
	Abandoned Pools	--	--	--	--	--	--	--	0.1		Abandoned
	Virden Total					472	119	234.1	22735.3	1247.9	
Whitewater	Lodgepole WL A	1953	775	858	9.3	7	0	11.2	160.4	35.6	P
	Lodgepole WL B	1982	815	859	10.2	29	0	8.3	234.8	32	P
	Abandoned Pools	--	--	--	--	--	--	--	1.2		Abandoned
	Whitewater Total					36	0	19.5	396.4	67.6	
Pierson	Lower Amaranth B	1981	985	844	8.66	6	0	1.8	31.5	3.7	P
	Lower Amaranth E	1988	1020	847	11	0	0	0	0.1	0	Inactive
	Lower Amaranth I	1980	995	--	--	6	0	0.4	7.6	1.7	P
	Lower Amaranth J	1983	980	844	--	2	0	0.3	6.6	0.6	P
	LAm/MC 3b A	1985	1025	847	11	66	29	33.7	746.7	337.1	P & W
	LAm/MC 3b C	1996	975	840	8.74	2	0	0.5	7.1	1	P
	Mission Canyon 3 C	1996	1039	--	--	6	1	4.1	76.7	10.4	P
	Mission Canyon 3b B	1955	985	844	9.6	5	0	3.9	158.4	13.7	P

	Mission Canyon 3b C	1986	1005	--	--	2	0	0.3	9.1	1.3	P
	Mission Canyon 3b D	1967	1025	--	--	0	0	0	4.6	0	Inactive
	Mission Canyon 3b E	1982	995	840	8.74	4	0	2.3	80.4	12.4	P
	Mission Canyon 3b J	1987	1010	--	--	1	0	0	0.5	0	Inactive
	Mission Canyon 3a A	1955	1015	862	12.2	2	1	0.3	55.4	1	P
	Mission Canyon 3a B	1965	985	842	8.72	17	1	9	311	53.9	P
	Mission Canyon 3a C	1954	1005	840	7.93	7	0	4.6	206.4	29.2	P
	Mission Canyon 3a E	1997	975	--	--	1	0	0.2	1.4	0.5	P
	Abandoned Pools	--	--	--	--	--	--	--	11.4		Abandoned
	Pierson Total					127	32	61.4	1714.9	466.5	
Kirkella	Lodgepole Dolomite A	1978	730	897	21.6	2	0	0.2	14.4	0.4	P
	Lodgepole Dolomite B	1981	735	--	--	0	0	0	1.1	0	Inactive
	Lodgepole Daly A	1957	730	888	20.5	12	1	7.5	221	35.9	P
	Lodgepole Daly B	1978	745	896	21.1	4	1	0.6	56.8	1	P
	Lodgepole Daly C	1980	725	903	22.4	7	1	0.5	88.9	2	P
	Lodgepole Crinoidal A	1999	851	--	--	1	0	0.1	3.4	0	P
	Lodgepole Crinoidal B	1999	823	--	--	1	0	0.2	18.2	0	P



Mountainside	Lodgepole WL A	1982	895	860	10.3	14	1	4.2	105.3	26	P
	Mountainside Total					14	1	4.2	105.3	26	
Birdtail	Bakken A	1996	518	863	--	10	2	3.5	31.4	23.2	P & W
	Bakken B	1996	520	871	--	0	0	0	0.6	0	Inactive
	Bakken C	1997	521	868	--	7	2	3.1	20	18.2	P & W
	Bakken D	1997	527	865	--	0	0	0	0	0	Inactive
	Abandoned Pools	--	--	--	--	--	--	--	0.6		Abandoned
	Birdtail Total					17	4	6.6	52.6	41.4	
Other Areas	Mission Canyon 1 A	1981	825	848	9.53	5	1	7.3	49.1	16.2	P
	Mission Canyon 1 E	1994	906	865	22	3	0	1.1	18.1	2.3	P
	Mission Canyon 1 G	1996	762	883	23.4	6	0	2.8	29.8	4.1	P
	Mission Canyon 1 H	1985	820	--	--	6	0	6.2	38.4	15.8	P
	Lodgepole WL C	1965	800	--	--	0	0	0	0.2	0	Inactive
	Lodgepole Virden C	1998	828	--	--	1	0	0.1	1.6	0.3	P
	Abandoned Pools	--	--	--	--	--	--	--	8.2		Abandoned
	Other Areas Total					21	1	17.5	145.4	38.7	
Confidential and Other Wells		2003	--	--	--	46	35*	12.4	12.4	47.9	P
TOTALS						1569	340	633.1	36176	4322	

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$$2003 \text{ Reserve Additions} = 356.8 \text{ } 10^3 \text{m}^3$$

$$2003 \text{ Life Index} = \frac{\text{Remaining Reserves}}{2003 \text{ Production}} \quad 6.8$$

Key to Remarks

P - Primary  
W - Waterflood  
Susp. W -  
Term. W -Terminated Waterflood

\* Includes SWD wells not completed in a designated Pool and water source wells