

**TABLE I: OIL INDUSTRY ACTIVITY AND OIL PRODUCTION ROYALTIES IN SASKATCHEWAN, 1975-2000**

(Monetary Amounts Shown in Constant 2000 Dollars)

<u>Year</u>	<u>Price of Oil</u> (net \$/meter <sup>3</sup> )	<u>Oil Drilling</u> (new wells)	<u>Volume of Sales</u> (cubic meters)	<u>Value of Sales</u> (net 10 <sup>3</sup> dollars)	<u>Prod. Royalties</u> (10 <sup>3</sup> dollars)	<u>Effective Royalty</u> (dollars/meter <sup>3</sup> )	<u>Royalty Rate</u> (per cent)
1975	\$141.63	105	9,382,740	\$1,328,798	\$ 657,615	\$ 70.07	49.49%
1976	\$151.92	146	8,894,016	\$1,351,270	\$ 562,035	\$ 63.21	41.59%
1977	\$168.04	342	9,734,366	\$1,635,703	\$ 619,476	\$ 63.65	37.87%
1978	\$185.53	721	9,623,333	\$1,785,345	\$ 697,060	\$ 72.45	39.04%
1979	\$184.58	935	9,362,205	\$1,728,030	\$ 858,302	\$ 91.68	49.67%
1980	\$200.08	1,068	9,313,094	\$1,863,257	\$ 836,120	\$ 89.78	44.87%
1981	\$214.64	541	7,409,153	\$1,576,759	\$ 643,346	\$ 86.83	40.80%
1982	\$253.54	685	8,128,176	\$2,060,777	\$1,280,354	\$157.53	62.13%
1983	\$282.73	1,333	9,525,593	\$2,703,936	\$ 932,797	\$ 97.93	34.50%
1984	\$272.54	2,129	10,758,420	\$2,932,094	\$ 949,316	\$ 88.23	32.38%
1985	\$293.92	2,766	11,540,923	\$3,392,062	\$ 928,246	\$ 80.42	27.37%
1986	\$143.77	772	11,706,129	\$1,683,055	\$ 347,063	\$ 29.65	20.62%
1987	\$173.17	713	12,064,258	\$2,089,279	\$ 405,975	\$ 33.65	19.43%
1988	\$112.35	1,015	12,242,407	\$1,375,361	\$ 228,580	\$ 18.67	16.62%
1989	\$135.42	307	11,626,032	\$1,574,428	\$ 225,887	\$ 19.44	14.35%
1990	\$160.10	538	12,226,004	\$1,957,403	\$ 292,761	\$ 23.94	14.96%
1991	\$109.89	478	12,415,109	\$1,364,360	\$ 237,352	\$ 19.12	17.40%
1992	\$119.48	489	13,323,870	\$1,591,918	\$ 238,441	\$ 17.90	14.98%
1993	\$109.59	977	14,979,262	\$1,641,597	\$ 250,184	\$ 16.70	15.24%
1994	\$121.53	1,072	17,193,933	\$2,089,664	\$ 281,261	\$ 16.36	13.46%
1995	\$133.23	1,398	18,736,530	\$2,496,275	\$ 372,148	\$ 19.86	14.91%
1996	\$158.91	1,842	20,940,522	\$3,327,744	\$ 494,346	\$ 23.61	14.86%
1997	\$129.05	2,681	23,439,802	\$3,024,777	\$ 497,533	\$ 21.22	16.45%
1998	\$ 87.35	729	23,215,360	\$2,027,945	\$ 245,231	\$ 10.57	12.09%
1999	\$144.52	1,118	21,735,435	\$3,141,230	\$ 411,311	\$ 18.92	13.09%
2000	\$207.69	1,972	24,237,089	\$5,033,876	\$ 761,923	\$ 31.44	15.14%

Note: The author compiled this table using data from Appendix I. Monetary figures were converted from current dollars to constant 2000 dollars using the Canadian Consumer Price Index. Percentage figures were taken directly from Appendix I rather than being recalculated from the converted monetary figures. For detailed citations, see Appendix I and Notes on Appendices.

**TABLE II: GAS INDUSTRY ACTIVITY AND GAS PRODUCTION ROYALTIES IN SASKATCHEWAN, 1975-2000**  
(Monetary Amounts Shown in Constant 2000 Dollars)

<u>Year</u>	<u>Price of Gas</u> (\$/10 <sup>3</sup> meter <sup>3</sup> )	<u>Gas Drilling</u> (new wells)	<u>Volume of Sales</u> (10 <sup>3</sup> cubic meters)	<u>Value of Sales</u> (10 <sup>3</sup> gross dollars)	<u>Prod. Royalties</u> (10 <sup>3</sup> dollars)	<u>Effective Royalty</u> (dollars/10 <sup>3</sup> m <sup>3</sup> )	<u>Royalty Rate</u> (per cent)
1975	\$ 18.67	81	1,588,951	\$ 29,717	\$ 2,760	\$ 1.74	9.29%
1976	\$ 21.32	25	1,530,872	\$ 32,633	\$ 2,600	\$ 1.71	7.97%
1977	\$ 28.97	65	1,268,982	\$ 36,766	\$ 1,979	\$ 1.56	5.38%
1978	\$ 36.97	39	1,189,035	\$ 43,949	\$ 1,805	\$ 1.51	4.11%
1979	\$ 34.88	25	1,177,957	\$ 41,087	\$ 1,477	\$ 1.26	3.59%
1980	\$ 35.52	64	1,196,896	\$ 42,515	\$ 1,469	\$ 1.23	3.46%
1981	\$ 31.89	21	1,191,312	\$ 38,000	\$ 1,371	\$ 1.16	3.61%
1982	\$ 33.13	13	1,272,435	\$ 42,163	\$ 1,242	\$ 0.97	2.95%
1983	\$ 62.73	186	1,314,291	\$ 82,408	\$ 4,289	\$ 3.24	5.20%
1984	\$ 79.95	419	1,744,178	\$ 139,459	\$ 11,267	\$ 6.45	8.08%
1985	\$ 91.00	462	1,990,529	\$ 181,130	\$ 15,425	\$ 7.75	8.52%
1986	\$104.61	266	2,367,995	\$ 247,703	\$ 27,996	\$11.83	11.30%
1987	\$ 85.55	493	2,711,985	\$ 232,010	\$ 33,691	\$12.42	14.52%
1988	\$ 69.40	710	3,991,768	\$ 276,999	\$ 35,817	\$ 8.97	12.93%
1989	\$ 67.16	931	5,586,647	\$ 375,212	\$ 50,903	\$ 9.11	13.57%
1990	\$ 69.23	509	6,318,693	\$ 437,480	\$ 52,632	\$ 8.33	9.35%
1991	\$ 65.99	426	6,633,017	\$ 437,732	\$ 57,960	\$ 8.73	13.24%
1992	\$ 58.33	181	6,780,237	\$ 395,452	\$ 36,986	\$ 5.46	9.35%
1993	\$ 62.83	881	6,881,285	\$ 432,356	\$ 43,481	\$ 6.32	10.06%
1994	\$ 77.56	849	7,565,306	\$ 586,786	\$ 77,148	\$10.19	13.15%
1995	\$ 52.38	179	7,777,460	\$ 407,418	\$ 44,350	\$ 5.71	10.89%
1996	\$ 60.95	320	6,776,447	\$ 413,023	\$ 37,422	\$ 5.52	9.06%
1997	\$ 70.44	272	6,507,440	\$ 458,370	\$ 62,364	\$ 9.59	13.61%
1998	\$ 77.26	536	6,236,383	\$ 481,821	\$ 58,348	\$ 9.35	12.11%
1999	\$101.79	971	6,548,147	\$ 666,506	\$ 89,175	\$13.62	13.38%
2000	\$168.61	1,143	6,849,500	\$1,154,926	\$144,037	\$21.03	12.47%

Note: The author compiled this table using data from Appendix II. Monetary figures were converted from current dollars to constant 2000 dollars using the Canadian Consumer Price Index. Percentage figures were taken directly from Appendix II rather than being recalculated from the converted monetary figures. For detailed citations, see Appendix II and Notes on Appendices.

**TABLE III: OIL AND GAS INDUSTRY ACTIVITY AND AGGREGATE ROYALTIES IN SASKATCHEWAN, 1975-2000**  
(Monetary Amounts Shown in Constant 2000 Dollars)

<u>Year</u>	<u>Oil and Gas Drilling</u> (new wells)	<u>Value of Oil and Gas Sales</u> (10 <sup>3</sup> dollars)	<u>Production Royalties</u> (10 <sup>3</sup> dollars)	<u>Access Royalties</u> (10 <sup>3</sup> dollars)	<u>Aggregate Royalties</u> (10 <sup>3</sup> dollars)	<u>Aggregate Royalty Rate</u> (per cent)
1975	186	\$1,358,514	\$ 660,375	\$ 10,930	\$ 671,305	49.41%
1976	171	\$1,383,903	\$ 564,635	\$ 38,135	\$ 602,770	43.56%
1977	407	\$1,672,469	\$ 621,455	\$ 40,182	\$ 661,637	39.56%
1978	760	\$1,829,293	\$ 698,865	\$ 68,162	\$ 767,027	41.93%
1979	960	\$1,769,116	\$ 859,779	\$131,848	\$ 991,627	56.05%
1980	1,132	\$1,905,772	\$ 837,590	\$179,691	\$1,017,281	53.38%
1981	562	\$1,614,759	\$ 644,717	\$ 79,804	\$ 724,521	44.87%
1982	698	\$2,102,940	\$1,281,596	\$ 66,421	\$1,348,017	64.10%
1983	1,519	\$2,786,344	\$ 937,086	\$184,170	\$1,121,256	40.24%
1984	2,548	\$3,071,553	\$ 960,583	\$201,235	\$1,161,818	37.83%
1985	3,228	\$3,573,192	\$ 943,671	\$232,350	\$1,176,021	32.91%
1986	1,038	\$1,930,757	\$ 375,059	\$ 32,925	\$ 407,984	21.13%
1987	1,206	\$2,321,289	\$ 439,666	\$ 90,116	\$ 529,782	22.82%
1988	1,725	\$1,652,361	\$ 264,397	\$ 49,559	\$ 313,956	19.00%
1989	1,238	\$1,949,640	\$ 276,790	\$ 55,826	\$ 332,616	17.06%
1990	1,047	\$2,394,883	\$ 345,393	\$ 48,290	\$ 393,683	16.44%
1991	904	\$1,802,093	\$ 295,311	\$ 30,532	\$ 325,843	18.08%
1992	670	\$1,987,370	\$ 275,427	\$ 24,939	\$ 300,366	15.11%
1993	1,858	\$2,073,953	\$ 293,665	\$103,877	\$ 397,542	19.17%
1994	1,921	\$2,676,450	\$ 358,409	\$234,913	\$ 593,321	22.17%
1995	1,577	\$2,903,692	\$ 416,498	\$ 86,350	\$ 502,849	17.32%
1996	2,162	\$3,740,767	\$ 531,769	\$146,958	\$ 678,727	18.14%
1997	2,953	\$3,483,147	\$ 559,896	\$155,738	\$ 715,634	20.55%
1998	1,265	\$2,509,766	\$ 303,578	\$ 74,288	\$ 377,867	15.06%
1999	2,089	\$3,807,737	\$ 500,486	\$ 63,985	\$ 564,471	14.82%
2000	3,115	\$6,188,801	\$ 905,960	\$ 64,517	\$ 970,477	15.68%

Note: The author compiled this table using data from Appendix III. Monetary figures were converted from current dollars to constant 2000 dollars using the Canadian Consumer Price Index. Percentage figures were taken directly from Appendix III rather than being recalculated from the converted monetary figures. For detailed citations, see Appendix III and Notes on Appendices.

**TABLE IV: ESTIMATED OIL AND GAS ROYALTIES FORGONE BY THE DEVINE AND ROMANOW GOVERNMENTS, 1983-2000**

(Monetary Amounts Shown in Constant 2000 Dollars)

<u>Year</u>	<u>Potential Royalties</u> (10 <sup>6</sup> dollars)	<u>Actual Royalties</u> (10 <sup>6</sup> dollars)	<u>Forgone Royalties</u> (10 <sup>6</sup> dollars)
<b>Devine Government</b>			
1983	929	1,121	-
1984	1,024	1,162	-
1985	1,191	1,176	15
1986	644	408	236
1987	774	530	244
1988	551	314	237
1989	650	333	317
1990	798	394	404
1991	601	326	275
<b>Total (85-91)</b>	<b>5,209</b>	<b>3,481</b>	<b>1,728</b>
<b>Romanow Government</b>			
1992	662	300	362
1993	691	398	293
1994	892	593	299
1995	968	503	465
1996	1,247	679	568
1997	1,161	716	445
1998	837	378	459
1999	1,269	564	705
2000	2,063	970	1,093
<b>Total (92-00)</b>	<b>9,790</b>	<b>5,101</b>	<b>4,689</b>
<b>Total (85-00)</b>	<b>14,999</b>	<b>8,582</b>	<b>6,417</b>

Note: Potential royalties are equal to one-third of Saskatchewan's actual "Value of Oil and Gas Sales" (Table III). Actual royalties are equal to "Aggregate Royalties" (Table III). Forgone royalties are the differences between potential and actual royalties.

**TABLE V: COMPARISON OF SASKATCHEWAN AND ALBERTA ROYALTY RATES, 1975-2000**

<u>Year</u>	<u>Saskatchewan Rate</u>	<u>Alberta Rate</u>
1975	43.72%	27.91%
1976	36.86%	33.27%
1977	36.19%	31.45%
1978	38.09%	33.81%
1979	39.93%	31.92%
1980	41.39%	31.52%
1981	38.55%	30.36%
1982	35.65%	29.31%
1983	31.03%	27.31%
1984	27.08%	26.53%
1985	26.14%	25.96%
1986	22.46%	24.54%
1987	22.29%	18.62%
1988	20.06%	19.54%
1989	18.07%	19.02%
1990	19.39%	19.95%
1991	20.39%	19.79%
1992	17.27%	19.65%
1993	17.95%	16.07%
1994	16.78%	15.85%
1995	17.84%	16.60%
1996	18.64%	16.23%
1997	19.72%	13.60%
1998	15.71%	15.42%
1999	16.67%	17.31%
2000	18.22%	21.70%

Note: For both provinces, royalty rates are equal to production royalties (net of applicable incentives) as a proportion of marketable conventional oil and gas production. This data is not comparable to the Government of Saskatchewan data used elsewhere in this paper. Statistics Canada, *The Crude Petroleum and Natural Gas Industry*, Catalogue no. 26-213-XPB (Ottawa: Government of Canada, 1975-1996) and Statistics Canada, *Oil and Gas Extraction*, Catalogue no. 26-213-XPB (Ottawa: Government of Canada, 1997-2000).