



# **Alberta Drilling Activity**

## **Monthly Statistics**

**December 2002**

**ALBERTA ENERGY AND UTILITIES BOARD**

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## ST-59 Alberta Drilling Activity Monthly Statistics

This document is the collection of monthly drilling activity statistics, which has been extracted from several sources. The Drilling statistics are from submitted WR reports. Operated well numbers come from the S-1 reports and capable wells numbers from the S-4 reports submitted by operators. Individual months can be referenced through selecting one of the bookmarks found on the left hand side of the screen.

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**Drilling Activity**  
**Wells Drilled During 2002**

**Development**

	January		February		March		April		May		June		July		August		September		October		November		December	
	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres
<b>Successful Wells</b>																								
Gas	665	614438.7	508	534848	628	666650.0	151	204303.0	358	331944	427	396582.0	555	574790	394	430591.0	451	466231.0	612	561596.0	440.0	524147.0	728.0	675396.0
Oil	88	148558.9	141	209858	93	145595	66	88661.0	69	94573	138	182964.0	162	215487	121	151217.0	90	115234.0	99	137883.0	142.0	208675.0	107.0	153208.0
Bitumen	63	50195.6	60	57563.0	89	87814	82	95875.7	122	121914	150	119972.0	128	127302.0	96	112205.0	70	78854.0	85	78740.4	69.0	73336.0	42.0	39550.3
Other	7	6900.5	9	7186	10	7594.0	2	2795.0	1	3174.0	3	557.0	1	538.0	5	7465.0	7	10915.0	9	13599.0	8.0	10106.0	9.0	9659.0
Total Successful	823	820093.7	718	809455	820	907653	301	391634.7	550	551605	718	700075	846	918117	616	701478	618	671234	805	791818.4	659.0	816264.0	886.0	877813.3
<b>Unsuccessful Wells</b>																								
Dry and Abandoned	32	40536.9	27	32723.0	20	26798	4	3844.0	10	15497.0	8	15097.0	16	24475	12	23893.0	20	39467.0	19	28389.0	22.0	36317.0	14.0	19188.0
Junked and Abandoned																								
Total Unsuccessful	32	40536.9	27	32723	20	26798	4	3844.0	10	15497	8	15097.0	16	24475	12	23893	20	39467	19	28389.0	22.0	36317.0	14.0	19188.0
Total	855	860630.6	745	842178	840	934451	305	395478.7	560	567102	726	715172	862	942592	628	725371	638	710701	824	820207.4	681.0	852581.0	900.0	897001.3

**Exploratory**

**Successful Wells**

	January		February		March		April		May		June		July		August		September		October		November		December	
	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres
Gas	357	389329.0	357	386401.9	246	310302.4	57	102256	91	83560.0	167	178185.0	172	175841	147	182433	140	171135	116	116801	156	174839	240	269838
Oil	42	58778.0	35	41387.7	44	75687.9	13	21285	9	7837.0	31	38598.0	29	49084	23	42433	26	34737	30	20812	31	34142	32	37646
Bitumen	0	0	1	3970.0			1	1405			1	1003										1	522	
Other	0	0							1	116			1	497										
Total Successful	399	448107	393	431759.6	290	385990.3	71	124946	101	91513.0	199	217786.0	202	225422.0	170	224866.0	166	205872.0	146.0	137613.0	187.0	208981.0	273	308006

**Unsuccessful Wells**

Dry and Abandoned	68	79469	58	72295.9	48	66324.9	7	13217.0	11	8364.0	28	29285.0	33	42870	34	35520	31	37246	25	25663	34	39419	39	44941
Junked and Abandoned																								
Total Unsuccessful	68	79469	58	72295.9	48	66324.9	7	13217.0	11	8364	28	29285.0	33	42870	34	35520	31	37246	25	25663	34	39419	39	44941
Total	467	527576.0	451	504055.5	338	452315.2	78	138163.0	112	99877.0	227	247071.0	235	268292.0	204	260386.0	197	243118.0	171.0	163276.0	221.0	248400.0	312.0	352947.0

**Oil Sands Evaluation**

	January		February		March		April		May		June		July		August		September		October		November		December	
	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres	Wells	Metres
<b>Successful Wells</b>																								
Gas																								
Oil																								
Bitumen	54	13434	112	17443.2	57	6036																	4	1755
Other																								
Total Successful	54	13434	112	17443.2	57	6036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1755
<b>Unsuccessful Wells</b>																								
Dry and Abandoned	424	103878	365	108544.7	192	52158	1	594															9	3813
Junked and Abandoned																								
Total Unsuccessful	424	103878	365	108544.7	192	52158	1	594	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3813
Total	478	117312	477	125987.9	249	58194	1	594	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	5568

**Experimental**

**Successful Wells**

	January Wells	Metres	February Wells	Metres	March Wells	Metres	April Wells	Metres	May Wells	Metres	June Wells	Metres	July Wells	Metres	August Wells	Metres	September Wells	Metres	October Wells	Metres	November Wells	Metres	December Wells	Metres
Gas			1	1105																	0	0	3	520
Oil																							1	173
Bitumen																								
Other	5	1524	1	306	2	536.9																		
<b>Total Successful</b>	<b>5</b>	<b>1524</b>	<b>2</b>	<b>1411</b>	<b>2</b>	<b>536.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>693</b>

**Unsuccessful Wells**

Dry and Abandoned			4	1506	2	1195									1	318	0	0	0	0	0	0	0	0	0
Junked and Abandoned											2	1533													
<b>Total Unsuccessful</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1506</b>	<b>2</b>	<b>1195</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1533</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>318</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total</b>	<b>5</b>	<b>1524</b>	<b>6</b>	<b>2917</b>	<b>4</b>	<b>1731.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1533.0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>318</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>693</b>	

# Activity Statistics

	January	February	March	April	May	June	July	August	September	October	November	December	2002
<b>Capable Wells <sup>a</sup></b>													
<b>Oil</b>													
Crude - Light & Medium	30 093	30 079	30 064	30 093	30 051	30 026	30 033	30 067	30 068	30 089	30 088	30 148	—
Crude - Heavy	14 967	14 980	15 028	15 073	15 114	15 128	15 147	15 175	15 185	15 191	15 201	15 227	
Crude Bitumen	10 336	10 341	10 407	10 465	10 568	10 669	10 770	10 892	10 986	11 041	11 109	11 148	
	<u>55 396</u>	<u>55 400</u>	<u>55 499</u>	<u>55 631</u>	<u>55 733</u>	<u>55 823</u>	<u>55 950</u>	<u>56 134</u>	<u>56 239</u>	<u>56 321</u>	<u>56 398</u>	<u>56 523</u>	
<b>Gas Wells</b>	77 080	71 184	77 994	78 772	79 251	79 567	80 000	80 386	81 029	81 573	82 344	83 207	
<b>Service Wells</b>													
Water Disposal	1 756	1 758	1 764	1 766	1 776	1 782	1 786	1 790	1 794	1 791	1 795	1 798	
Water Injection	6 498	6 500	6 514	6 526	6 551	6 560	6 584	6 594	6 597	6 607	6 626	6 636	
Gas Injection	128	126	125	129	127	126	126	124	124	126	125	126	
Other	792	792	793	791	793	795	798	799	801	796	792	794	794
	<u>9 174</u>	<u>9 176</u>	<u>9 196</u>	<u>9 212</u>	<u>9 247</u>	<u>9 263</u>	<u>9 294</u>	<u>9 307</u>	<u>9 316</u>	<u>9 320</u>	<u>9 338</u>	<u>9 354</u>	
<b>Operated Wells <sup>b</sup></b>													
<b>Oil</b>													
Crude - Light & Medium	18 007	19 333	19 596	19 563	18 946	19 663	19 758	19 817	19 586	19 473	19 198	18 838	
Crude - Heavy	7 356	9 805	9 879	10 056	9 988	10 044	29 859	10 090	10 072	9 984	9 839	9 322	
Crude Bitumen	3 386	5 805	5 983	6 101	6 268	6 293	6 415	6 546	6 650	6 589	6 603	6 752	
	<u>28 749</u>	<u>34 943</u>	<u>35 458</u>	<u>35 720</u>	<u>35 202</u>	<u>36 000</u>	<u>56 032</u>	<u>36 453</u>	<u>36 308</u>	<u>36 046</u>	<u>35 640</u>	<u>34 912</u>	
<b>Gas Wells</b>	34 091	61 054	61 860	62 497	61 573	63 134	63 418	63 549	63 534	61 816	61 946	59 750	59 750
<b>Service Wells</b>													
Water Disposal	1 196	1 328	1 318	1 289	1 304	1 297	1 330	1 255	1 341	1 234	1 142	1 164	
Water Injection	4 336	4 552	4 544	4 493	4 610	4 412	4 604	4 325	4 376	4 583	4 319	4 453	
Gas Injection	61	57	55	61	59	60	60	56	56	57	50	48	
Other	2 364	838	788	796	807	816	784	746	810	582	573	493	
	<u>7 957</u>	<u>6 775</u>	<u>6 705</u>	<u>6 639</u>	<u>6 780</u>	<u>6 585</u>	<u>6 778</u>	<u>6 382</u>	<u>6 583</u>	<u>6 456</u>	<u>6 084</u>	<u>6 158</u>	
<b>Active Pools</b>													
Oil	3 473	4 049	4 061	4 096	4 045	4 219	4 252	4 275	4 248	4 186	4 179	4 045	
Gas	6 547	11 527	11 557	11 591	11 486	11 895	11 952	11 942	11 916	11 922	11 612	11 552	
Other	570	2 336	2 382	2 398	2 314	2 335	2 365	2 333	2 309	2 176	2 100	2 081	2 081
<b>Gas Processing Plants (Operated)</b>	604	598	555	568	576	594	557	587	545	538	538	538	
<b>Capped Gas Wells (As at) <sup>c</sup></b>	4 112	4 265	4 110	0	0	0	0	0	0	0	0	0	0
<b>Licenses Issued *</b>													
Development: - Conventional	722	565	454	422	521	540	582	605	634	756	873	781	7 455
Oilsand:	136	69	152	106	99	112	96	103	92	62	100	398	1 525
Exploratory - Conventional	333	311	210	94	203	201	264	201	231	266	350	444	3 108
Oilsand:	109	45	16	3	6	13	1	12	11	10	36	141	403
Experimental - Oilsands	2	0	0	0	0	0	0	0	0	16	0	0	18
Evaluation - Oilsands	227	86	27	0	0	0	0	0	0	0	262	869	1 471
	<u>1 529</u>	<u>1 076</u>	<u>859</u>	<u>625</u>	<u>829</u>	<u>866</u>	<u>943</u>	<u>921</u>	<u>968</u>	<u>1 110</u>	<u>1 621</u>	<u>2 633</u>	<u>13 980</u>

\* Note: Includes licenses issued for re-entry wells, water wells and observation well

<sup>a</sup> Includes wells which had been placed on production and were either operated, suspended, or shut in during the month including crude bitumen wells, but excludes events used for injection.

<sup>b</sup> The number of events produced during the month.