



# **Alberta Drilling Activity**

## **Monthly Statistics**

**December 2004 Revised**

**ALBERTA ENERGY AND UTILITIES BOARD**

Statistical Series 59: Alberta Drilling Activity Monthly Statistics

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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.

If there are any questions or concerns regarding the contents of this document, do not hesitate to contact:

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**Drilling Activity**  
**Wells Drilled During 2004**

**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	984	945773	1042	1033919	542	752239	588	499206	606	539559	996	952960	1168	1136023	820	875781	1174	1033935	1084	1108140	1000	1040750	756	838016
Oil	145	225621	137	197726	146	195663	50	79135	118	133013	151	181535	141	189377	145	181162	99	135896	132	173853	136	213320	114	188345
Bitumen	87	97857	106	98324	91	113361	45	84143	88	97651	62	69984	90	96026	66	73738	29	35905	69	92752	72	67377	54	73221
Other	15	4337	20	19148	34	17470	9	6798	7	9748	4	6895	11	13031	11	18211	5	2297	5	5948	4	6876	10	13439
Total Successful	1231	1273587.8	1305	1349116.5	813	1078733.4	692	669281.5	819	779969.2	1213	1211374	1410	1434455.5	1042	1148891.7	1307	1208032.9	1290	1380693.6	1212.0	1328322.8	934.0	1113021.4
<b>Unsuccessful Wells</b>																								
Dry and Abandoned	33	41101	44	46498	23	29263	6	12639	15	26469	19	22362	16	20604	13	16043	17	24239	12	16761	14	23914	11	16773
Total Unsuccessful	33	41101.3	44	46497.5	23	29262.5	6	12639.0	15	26469	19	22362.2	16	20603.5	13	16043.3	17	24239	12	16761.4	14.0	23914.0	11.0	16773.4
Total	1264	1314689.1	1349	1395614	836	1107995.9	698	681920.5	834	806438.2	1232	1233736.2	1426	1455059	1055	1164935	1324	1232271.9	1302	1397455.0	1226.0	1352236.8	945.0	1129794.8

**NOTE:** Information published reflects data available at the time of posting.  
As additional data becomes available this publication will be updated accordingly.

**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	368	403091	381	423096	343	433844	95	161754	177	168344	248	278157	248	306026	241	322222	179	218795	277	366355	289	381292	333	441707
Oil	43	58782	36	50677	48	69801	10	9938	11	14962	39	49746	45	54214	62	83786	48	60215	50	72928	47	70713	47	66769
Bitumen	0	0	0	0	0	0	0	0	0	0	0	0	1	468	2	1054	0	0	1	978	1	194	4	2684
Other	0	0	1	514	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Successful</b>	<b>411</b>	<b>461873.3</b>	<b>418</b>	<b>474287</b>	<b>391</b>	<b>503644.9</b>	<b>105</b>	<b>171691.7</b>	<b>188</b>	<b>183305.7</b>	<b>287</b>	<b>327902.7</b>	<b>294</b>	<b>360707.9</b>	<b>305</b>	<b>407061.3</b>	<b>227</b>	<b>279009.8</b>	<b>328.0</b>	<b>440261.4</b>	<b>337.0</b>	<b>452199.5</b>	<b>384</b>	<b>511159.5</b>

**Unsuccessful Wells**

Dry and Abandoned	42	35772	51	57163	45	45151	12	15559	15	12725	23	26911	26	29949	16	21542	21	24017	31	40676	33	41558	22	24478
<b>Total Unsuccessful</b>	<b>42</b>	<b>35771.5</b>	<b>51</b>	<b>57162.5</b>	<b>45</b>	<b>45150.7</b>	<b>12</b>	<b>15559.0</b>	<b>15</b>	<b>12725</b>	<b>23</b>	<b>26910.5</b>	<b>26</b>	<b>29949</b>	<b>16</b>	<b>21542.2</b>	<b>21</b>	<b>24017.3</b>	<b>31</b>	<b>40675.9</b>	<b>33</b>	<b>41558</b>	<b>22</b>	<b>24477.6</b>
<b>Total</b>	<b>453</b>	<b>497644.8</b>	<b>469</b>	<b>531449.5</b>	<b>436</b>	<b>548795.6</b>	<b>117</b>	<b>187250.7</b>	<b>203</b>	<b>196030.7</b>	<b>310</b>	<b>354813.2</b>	<b>320</b>	<b>390656.9</b>	<b>321</b>	<b>428603.5</b>	<b>248</b>	<b>303027.1</b>	<b>359.0</b>	<b>480937.3</b>	<b>370.0</b>	<b>493757.5</b>	<b>406.0</b>	<b>535637.1</b>

**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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bitumen	100	10645.7	163	17646.7	39	9254.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1794.5
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Successful	100	10645.7	163	17646.7	39	9254.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1794.5
<b>Unsuccessful Wells</b>																								
Dry and Abandoned	445	103001.6	669	141792.7	233	52841.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	12123.1
Total Unsuccessful	445	103001.6	669	141792.7	233	52841.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	12123.1
Total	545	113647.3	832	159439.4	272	62095.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	13917.6

**Experimental**

**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	3	4394	0	0	2	2409.5	0	0	0	0	0	0	0	0	0	1	1596	0	0	0	0	0	0	2	2240
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	355	0	0	0	0	0	0	1	411
Bitumen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	509
<b>Total Successful</b>	<b>3</b>	<b>4394</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2409.5</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>2</b>	<b>1951</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3160</b>	

**Unsuccessful Wells**

Dry and Abandoned	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Unsuccessful</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>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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>3</b>	<b>4394</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2409.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1951</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3160</b>		

# Activity Statistics

		January	February	March	April	May	June	July	August	September	October	November	December	2004
<b>Capable Wells <sup>a</sup></b>														
<b>Oil</b>														
Crude	Light & Medium	30 671	30 767	30 848	30 941	30 985	30 997	31 031	30 955	30 974	30 946	30 977	31 034	31 034
Crude	Heavy	15 710	15 760	15 824	15 833	15 847	15 865	15 866	15 977	16 001	16 096	16 161	16 190	16 190
Crude Bitumen		12 290	12 325	12 368	12 394	12 409	12 471	12 508	12 638	12 703	12 756	12 814	12 893	12 893
		<u>58 671</u>	<u>58 852</u>	<u>59 040</u>	<u>59 168</u>	<u>59 241</u>	<u>59 333</u>	<u>59 405</u>	<u>59 570</u>	<u>59 678</u>	<u>59 798</u>	<u>59 952</u>	<u>60 117</u>	<u>60 117</u>
<b>Gas Wells</b>														
Gas		93 618	94 813	96 341	97 366	98 057	98 721	99 555	100 568	101 741	103 052	104 549	104 881	104 881
Coalbed Methane - Coals & Other Lithologies													434	434
Coalbed Methane - Coals													847	847
		<u>93 618</u>	<u>94 813</u>	<u>96 341</u>	<u>97 366</u>	<u>98 057</u>	<u>98 721</u>	<u>99 555</u>	<u>100 568</u>	<u>101 741</u>	<u>103 052</u>	<u>104 549</u>	<u>106 162</u>	<u>106 162</u>
<b>Service Wells</b>														
Water Disposal		1 841	1 844	1 845	1 845	1 846	1 849	1 851	1 846	1 844	1 846	1 852	1 851	1 851
Water Injection		6 937	6 975	7 023	7 057	7 072	7 111	7 149	7 203	7 219	7 250	7 271	7 313	7 313
Gas Injection		113	113	113	114	114	114	114	114	115	114	114	114	114
Other		784	786	788	789	788	783	785	786	796	797	799	804	804
		<u>9 675</u>	<u>9 718</u>	<u>9 769</u>	<u>9 805</u>	<u>9 820</u>	<u>9 857</u>	<u>9 899</u>	<u>9 949</u>	<u>9 974</u>	<u>10 007</u>	<u>10 036</u>	<u>10 082</u>	<u>10 082</u>
<b>Operated Wells <sup>b</sup></b>														
<b>Oil</b>														
Crude	Light & Medium	20 041	20 052	20 177	20 221	20 335	20 478	20 473	20 429	20 338	20 393	20 438	20 486	20 486
Crude	Heavy	10 286	10 238	10 274	10 320	10 306	10 335	10 358	10 454	10 508	10 534	10 551	10 472	10 472
Crude Bitumen		7 381	7 408	7 335	7 506	7 528	7 581	7 537	7 839	7 832	7 961	7 897	7 799	7 799
		<u>37 708</u>	<u>37 698</u>	<u>37 786</u>	<u>38 047</u>	<u>38 169</u>	<u>38 394</u>	<u>38 368</u>	<u>38 722</u>	<u>38 678</u>	<u>38 888</u>	<u>38 886</u>	<u>38 757</u>	<u>38 757</u>
<b>Gas Wells</b>														
Gas		74 064	75 073	76 633	77 032	78 049	78 859	79 173	79 926	81 051	82 253	83 660	83 854	83 854
Coalbed Methane - Coals & Other Lithologies													430	430
Coalbed Methane - Coals													787	787
		<u>74 064</u>	<u>75 073</u>	<u>76 633</u>	<u>77 032</u>	<u>78 049</u>	<u>78 859</u>	<u>79 173</u>	<u>79 926</u>	<u>81 051</u>	<u>82 253</u>	<u>83 660</u>	<u>85 071</u>	<u>85 071</u>
<b>Service Wells</b>														
Water Disposal		1 350	1 345	1 341	1 346	1 349	1 340	1 350	1 350	1 357	1 360	1 363	1 340	1 340
Water Injection		5 132	5 220	5 232	5 267	5 274	5 324	5 347	5 372	5 396	5 422	5 427	5 471	5 471
Gas Injection		52	50	49	48	45	49	50	47	49	46	42	42	42
Other		707	725	717	850	840	852	836	846	859	861	910	917	917
		<u>7 241</u>	<u>7 340</u>	<u>7 339</u>	<u>7 511</u>	<u>7 508</u>	<u>7 565</u>	<u>7 583</u>	<u>7 615</u>	<u>7 661</u>	<u>7 689</u>	<u>7 742</u>	<u>7 770</u>	<u>7 770</u>
<b>Active Pools</b>														
Oil		4 442	4 425	4 469	4 466	4 485	4 536	4 565	4 603	4 603	4 620	4 656	4 680	4 680
Gas		13 502	13 616	13 681	13 650	13 947	14 084	14 145	14 305	14 403	14 575	14 598	14 488	14 488
Other		2 394	2 460	2 609	2 707	2 675	2 683	2 636	2 645	2 622	2 628	2 625	2 659	2 659
		<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>	<u>538</u>
<b>Gas Processing Plants (Operated)</b>														
<b>Licenses Issued <sup>*</sup></b>														
Development	Conventional	1 165	940	1 191	902	1 138	1 254	1 130	901	979	1 254	1 229	1 101	13 184
	Oilsands	419	132	144	62	30	73	123	118	182	235	184	267	1 969
Exploratory	Conventional	453	411	335	219	322	368	359	329	373	415	564	576	4 724
	Oilsands	64	45	26	12	13	13	12	6	12	32	51	64	350
Experimental	Oilsands	0	1	0	0	0	0	1	0	0	1	10	0	13
Evaluation	Oilsands	0	0	22	0	0	0	1	1	0	379	371	666	1 440
		<u>2 101</u>	<u>1 529</u>	<u>1 718</u>	<u>1 195</u>	<u>1 503</u>	<u>1 708</u>	<u>1 626</u>	<u>1 355</u>	<u>1 546</u>	<u>2 316</u>	<u>2 409</u>	<u>2 674</u>	<u>21 680</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.