



# **Alberta Drilling Activity**

**Monthly Statistics**

**December 2007**

**ENERGY RESOURCES CONSERVATION BOARD**  
Statistical Series 59: Alberta Drilling Activity Monthly Statistics

Published by  
Energy Resources Conservation Board  
640 – 5 Avenue SW  
Calgary, Alberta  
T2P 3G4

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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 production reports and capable wells numbers from the well status 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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<b>DRILLING ACTIVITY</b>																										
Year 2007																										
	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR TO DATE	
	WELLS	METRES	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>DEVELOPMENT</b>																										
Successful Wells																										
GAS	1,007	1,073,465.1	818	919,604.6	318	470,290.2	41	92,283.4	104	102,682.8	332	345,147.6	915	902,117.7	806	827,099.2	655	676,858.1	950	913,996.0	881	877,198.3	656	676,884.6	7,483	7,877,627.6
COALBED METHANE	109	88,267.9	59	50,596.8	36	34,413.0	8	14,394.0	8	9,855.5	21	24,617.2	74	57,384.4	62	52,875.6	96	74,502.9	125	100,090.0	49	33,142.6	44	29,473.0	691	569,612.9
SHALE 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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OIL	146	230,837.3	152	233,596.9	142	203,393.6	29	44,868.9	54	68,325.3	117	147,774.6	156	233,217.9	108	155,828.0	98	145,683.3	120	196,946.1	136	194,692.2	118	189,631.1	1,376	2,044,795.2
CRUDE BITUMEN	147	152,462.1	164	179,664.5	125	140,958.2	48	85,656.0	51	92,997.0	122	127,092.8	151	168,128.7	137	144,699.1	136	157,736.3	121	122,748.9	104	105,076.5	70	72,422.5	1,376	1,549,642.6
OTHER	22	15,031.1	42	20,074.1	55	46,272.6	15	25,407.0	23	32,649.1	13	13,591.8	17	26,534.9	11	14,291.5	8	8,973.3	27	37,692.0	20	26,727.6	6	8,471.0	259	275,716.0
Unsuccessful Wells																										
DRY & ABANDONED	20	17,054.3	29	24,039.5	15	20,628.7	1	1,846.0	4	2,339.0	7	14,564.6	9	10,483.2	8	13,443.8	10	7,159.5	12	21,578.5	8	10,238.8	6	8,574.0	129	151,949.9
<b>TOTAL</b>	<b>1,451</b>	<b>1,577,117.8</b>	<b>1,264</b>	<b>1,427,576.4</b>	<b>691</b>	<b>915,956.3</b>	<b>142</b>	<b>264,455.3</b>	<b>244</b>	<b>308,848.7</b>	<b>612</b>	<b>672,788.6</b>	<b>1,322</b>	<b>1,397,866.8</b>	<b>1,132</b>	<b>1,208,237.2</b>	<b>1,003</b>	<b>1,070,913.4</b>	<b>1,355</b>	<b>1,393,051.5</b>	<b>1,198</b>	<b>1,247,076.0</b>	<b>900</b>	<b>985,456.2</b>	<b>11,314</b>	<b>12,469,344.2</b>
<b>EXPLORATORY</b>																										
Successful Wells																										
GAS	324	480,399.9	289	423,331.8	187	326,776.5	16	48,464.8	31	33,624.8	84	129,701.3	150	237,249.3	121	184,064.6	123	211,453.5	102	162,598.4	105	167,487.4	139	207,893.0	1,671	2,613,045.3
COALBED METHANE	10	17,123.0	8	7,531.4	9	16,347.0	4	9,606.8	4	8,554.0	3	7,320.0	11	15,164.5	9	19,955.0	6	11,302.0	3	5,115.0	0	0.0	0	0.0	67	118,018.7
SHALE 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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OIL	56	98,202.3	53	87,674.5	33	57,470.7	6	14,918.6	7	10,324.0	18	23,242.8	36	46,065.8	26	43,547.4	31	44,657.7	33	51,278.0	39	59,537.5	55	86,372.4	393	623,291.7
CRUDE BITUMEN	0	0.0	1	181.2	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	0.0	0	0.0	1	181.2
OTHER	21	29,626.6	18	28,815.4	15	22,877.5	0	0.0	2	5,340.0	13	14,430.3	25	39,483.0	19	27,629.6	9	14,567.0	8	13,858.0	0	0.0	1	3,570.0	131	200,197.4
Unsuccessful Wells																										
DRY & ABANDONED	48	55,569.0	40	50,382.4	23	32,334.0	0	0.0	1	1,304.0	8	9,242.4	16	24,190.3	12	20,543.2	13	19,857.0	16	21,685.7	15	20,997.0	15	19,930.0	207	276,035.0
<b>TOTAL</b>	<b>459</b>	<b>680,920.8</b>	<b>409</b>	<b>597,916.7</b>	<b>267</b>	<b>455,805.7</b>	<b>26</b>	<b>72,990.2</b>	<b>45</b>	<b>59,146.8</b>	<b>126</b>	<b>183,936.8</b>	<b>238</b>	<b>362,152.9</b>	<b>187</b>	<b>295,739.8</b>	<b>182</b>	<b>301,837.2</b>	<b>162</b>	<b>254,535.1</b>	<b>159</b>	<b>248,021.9</b>	<b>210</b>	<b>317,765.4</b>	<b>2,470</b>	<b>3,830,769.3</b>
<b>O/S EVALUATION</b>																										
Successful Wells																										
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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
COALBED METHANE	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	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SHALE 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	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CRUDE BITUMEN	26	11,175.0	74	28,073.8	55	13,876.7	1	763.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	2,785.0	2	783.0	6	3,122.0	168	60,579.0
OTHER	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unsuccessful Wells																										
DRY & ABANDONED	825	203,077.6	1,057	277,160.5	769	192,794.9	2	265.6	0	0.0	0	0.0	3	1,649.0	0	0.0	3	1,888.0	0	0.0	4	1,209.8	87	12,376.5	2,750	690,421.9
<b>TOTAL</b>	<b>851</b>	<b>214,252.6</b>	<b>1,131</b>	<b>305,234.3</b>	<b>824</b>	<b>206,671.6</b>	<b>3</b>	<b>1,029.1</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>1,649.0</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>1,888.0</b>	<b>4</b>	<b>2,785.0</b>	<b>6</b>	<b>1,992.8</b>	<b>93</b>	<b>15,498.5</b>	<b>2,918</b>	<b>751,000.9</b>

	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR TO DATE		
	WELLS	METRES	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>EXPERIMENTAL</b>																											
Successful Wells																											
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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
COALBED METHANE	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	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
SHALE 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	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	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
CRUDE 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	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	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Unsuccessful Wells																											
DRY & 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	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
<b>TOTAL</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,761</b>	<b>2,472,291.2</b>	<b>2,804</b>	<b>2,330,727.4</b>	<b>1,782</b>	<b>1,578,433.6</b>	<b>171</b>	<b>338,474.6</b>	<b>289</b>	<b>367,995.5</b>	<b>738</b>	<b>856,725.4</b>	<b>1,563</b>	<b>1,761,668.7</b>	<b>1,319</b>	<b>1,503,977.0</b>	<b>1,188</b>	<b>1,374,638.6</b>	<b>1,521</b>	<b>1,650,371.6</b>	<b>1,363</b>	<b>1,497,090.7</b>	<b>1,203</b>	<b>1,318,720.1</b>	<b>16,702</b>	<b>17,051,114.4</b>	

<b>ACTIVITY STATISTICS</b>													
<b>Year 2007</b>													
		<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>
<b>Capable Wells <sup>a</sup></b>													
<b>Oil Wells</b>													
Crude	Light & Medium	32,602	32,646	32,707	32,681	32,698	32,728	32,793	32,853	32,881	32,910	32,906	32,966
Crude	Heavy	16,935	16,949	17,024	17,120	17,134	17,154	17,186	17,220	17,259	17,274	17,317	17,351
Crude	Bitumen	14,424	14,583	14,616	14,642	14,716	14,739	14,846	14,949	15,044	15,154	15,286	15,412
		<b>63,961</b>	<b>64,178</b>	<b>64,347</b>	<b>64,443</b>	<b>64,548</b>	<b>64,621</b>	<b>64,825</b>	<b>65,022</b>	<b>65,184</b>	<b>65,338</b>	<b>65,509</b>	<b>65,729</b>
<b>Gas Wells</b>													
Gas		118,042	118,794	119,710	120,103	120,324	120,446	120,401	121,059	121,693	122,398	123,268	124,086
Coalbed Methane	Coals & Other Lithologies	1,841	1,990	2,081	2,089	2,111	2,169	2,704	2,801	2,918	3,101	3,221	3,355
Coalbed Methane	Coals	4,591	4,662	4,839	4,856	4,924	5,121	5,471	5,522	5,644	5,814	5,913	5,997
Shale Gas	Shale Gas and Other Sources	0	0	0	0	0	0	0	0	0	0	0	0
Shale Gas	Shale Gas only	1	1	4	4	4	5	7	8	8	8	11	27
Shale Gas	CBM & Shale & Other Sources	3	3	3	3	3	3	3	3	3	3	4	7
		<b>124,478</b>	<b>125,450</b>	<b>126,637</b>	<b>127,055</b>	<b>127,366</b>	<b>127,744</b>	<b>128,586</b>	<b>129,393</b>	<b>130,266</b>	<b>131,324</b>	<b>132,417</b>	<b>133,472</b>
<b>Service Wells</b>													
Water Disposal		1,868	1,864	1,870	1,865	1,869	1,869	1,872	1,879	1,875	1,868	1,862	1,862
Water Injection		7,772	7,773	7,787	7,791	7,793	7,827	7,836	7,855	7,868	7,876	7,889	7,898
Gas Injection		101	100	100	102	102	99	100	98	99	100	100	99
Other		857	858	858	856	856	842	840	847	848	851	853	858
		<b>10,598</b>	<b>10,595</b>	<b>10,615</b>	<b>10,614</b>	<b>10,620</b>	<b>10,637</b>	<b>10,648</b>	<b>10,679</b>	<b>10,690</b>	<b>10,695</b>	<b>10,704</b>	<b>10,717</b>
<b>Operated Wells <sup>b</sup></b>													
<b>Oil Wells</b>													
Crude	Light & Medium	21,570	21,469	21,633	21,377	21,289	21,356	21,452	21,342	21,570	21,593	21,703	21,608
Crude	Heavy	10,693	10,675	10,803	10,766	10,830	10,886	10,953	10,995	11,012	11,045	11,019	10,931
Crude	Bitumen	8,623	8,580	8,741	8,672	8,773	8,807	8,877	8,903	8,839	9,004	9,019	8,894
		<b>40,886</b>	<b>40,724</b>	<b>41,177</b>	<b>40,815</b>	<b>40,892</b>	<b>41,049</b>	<b>41,282</b>	<b>41,240</b>	<b>41,421</b>	<b>41,642</b>	<b>41,741</b>	<b>41,433</b>
<b>Gas Wells</b>													
Gas		92,357	92,789	93,922	93,696	94,152	94,046	94,379	94,813	95,181	96,084	96,651	95,853
Coalbed Methane	Coals & Other Lithologies	1,789	1,929	2,030	2,038	2,063	2,086	2,594	2,696	2,817	3,004	3,136	3,208
Coalbed Methane	Coals	4,334	4,403	4,575	4,558	4,620	4,788	5,100	5,154	5,312	5,480	5,587	6,623
Shale Gas	Shale Gas and Other Sources	0	0	0	0	0	0	0	0	0	0	0	0
Shale Gas	Shale Gas only	0	0	3	3	3	4	6	7	7	7	10	27
Shale Gas	CBM & Shale & Other Sources	1	1	1	1	1	0	0	0	0	0	1	4
		<b>98,481</b>	<b>99,122</b>	<b>100,531</b>	<b>100,296</b>	<b>100,839</b>	<b>100,924</b>	<b>102,079</b>	<b>102,670</b>	<b>103,317</b>	<b>104,575</b>	<b>105,385</b>	<b>105,715</b>
<b>Service Wells</b>													
Water Disposal		1,365	1,358	1,349	1,361	1,373	1,371	1,371	1,369	1,370	1,368	1,369	1,364
Water Injection		5,856	5,834	5,783	5,832	5,866	5,843	5,861	5,912	5,982	6,020	6,012	6,030
Gas Injection		39	36	36	37	36	34	40	39	41	42	40	38
Other		1,104	1,100	1,139	1,118	1,113	1,078	1,111	1,140	1,213	1,247	1,303	1,328
		<b>8,364</b>	<b>8,328</b>	<b>8,307</b>	<b>8,348</b>	<b>8,388</b>	<b>8,326</b>	<b>8,383</b>	<b>8,460</b>	<b>8,606</b>	<b>8,677</b>	<b>8,724</b>	<b>8,760</b>

		January	February	March	April	May	June	July	August	September	October	November	December
<b>Active Pools</b>													
Oil		4,971	4,929	5,019	4,991	4,967	5,031	5,089	5,090	5,090	5,115	5,132	5,115
Gas		16,809	16,989	17,099	16,963	16,894	17,602	17,516	17,775	17,573	17,784	18,198	18,092
Other		3,269	3,247	3,192	3,090	3,095	2,945	2,971	2,895	2,915	2,877	2,813	2,828
		<b>25,049</b>	<b>25,165</b>	<b>25,310</b>	<b>25,044</b>	<b>24,956</b>	<b>25,578</b>	<b>25,576</b>	<b>25,760</b>	<b>25,578</b>	<b>25,776</b>	<b>26,143</b>	<b>26,035</b>
<b>Gas Processing Plants (Operated)</b>		<b>655</b>	<b>656</b>	<b>653</b>	<b>652</b>	<b>646</b>	<b>648</b>	<b>648</b>	<b>646</b>	<b>646</b>	<b>650</b>	<b>651</b>	<b>647</b>
<b>Licenses Issued <sup>c</sup></b>													
Development	Conventional	888	860	401	370	599	712	947	883	884	1,093	983	806
	Oil Sands	300	275	279	80	128	133	98	166	152	152	242	239
Exploratory	Conventional	395	316	124	88	171	223	197	184	150	217	272	270
	Oil Sands	65	37	6	1	3	7	10	7	4	7	6	43
Experimental	Oil Sands	0	0	0	0	0	0	0	0	0	51	0	0
Evaluation	Oil Sands	1,381	320	68	1	2	0	3	10	5	6	604	2,673
		<b>3,029</b>	<b>1,808</b>	<b>878</b>	<b>540</b>	<b>903</b>	<b>1,075</b>	<b>1,255</b>	<b>1,250</b>	<b>1,195</b>	<b>1,526</b>	<b>2,107</b>	<b>4,031</b>
a 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.													
b The number of events produced during the month.													
c Includes licenses issued for re-entry wells, water wells, and observation wells.													