

## **Alberta Drilling Activity**

**Monthly Statistics** 

December 2007

## **ENERGY** RESOURCES CONSERVATION **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 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.

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

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DRILLING ACTIVIT Year 2007 DEVELOPMENT Successful Wells GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN OFWER	JANU	UARY METRES	FE WELLS	EBRUARY METRES	M. WELLS	ARCH METRES		PRIL																		<b> </b>
DEVELOPMENT Successful Wells GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	WELLS							PRIL	· · · · · · ·									1								1
GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	1,007	METRES	WELLS	METRES	WELLS	METRES			r	MAY	J	UNE	J	ULY	AU	UGUST	SEPT	TEMBER	OCT	OBER	NOVI	EMBER	DECE	MBER	YEAR 7	TO DATE
GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	,				1		WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES V	VELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES
GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	,																									
GAS COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	,																									
COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	,																									<b> </b>
COALBED METHANE SHALE GAS OIL CRUDE BITUMEN	,	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
SHALE GAS OIL CRUDE BITUMEN	0	88,267.9	59	50,596.8	318	34,413.0	41	92,283.4	104	9,855.5	21	24,617.2		,	62		96		125	100,090.0		33,142.6	44	29,473.0	691	
OIL CRUDE BITUMEN		0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0	02		0	0.0	0	0.0		0.0	44	0.0	0)1	0(
	146	230,837.3	152	233,596.9	142	203,393.6	29	44,868.9	54		117	147,774.6			108		98		120	196,946.1	136	194,692.2	118	189,631.1	1,376	2,044,795.2
	147	152,462.1	164	179,664.5	125	140,958.2	48	85,656.0	51	92,997.0	122	127,092.8		168,128.7	137		136	157,736.3	121	122,748.9	104	105,076.5	70	72,422.5	1,376	
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		26,534.9	11		8	8,973.3	27	37,692.0	20	26,727.6	6	8,471.0	259	
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>7</b> 0 <b>7</b> ( <b>7</b>					604	015.056.0				200.040 -	(10			1 205 0 44 0	4 4 2 2		4 000		4 9 7 7	1 202 0 21 2	1 100			005 454 0		
TOTAL	1,451	1,577,117.8	1,264	1,427,576.4	691	915,956.3	142	264,455.3	244	308,848.7	612	672,788.6	1,322	1,397,866.8	1,132	1,208,237.2	1,003	1,070,913.4	1,355	1,393,051.5	1,198	1,247,076.0	900	985,456.2	11,314	12,469,344.2
EXPLORATORY																										
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
TOTAL	459	680,920.8	409	597,916.7	267	455,805.7	26	72,990.2	45	59,146.8	126	183,936.8	238	362,152.9	187	295,739.8	182	301,837.2	162	254,535.1	159	248,021.9	210	317,765.4	2,470	3,830,769.3
O/S EVALUATION																										
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
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
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
TOTAL	851	214,252.6	1,131	305,234.3	824	206,671.6	3	1,029.1	0	0.0	0	0.0	3	1,649.0	0	0.0	3	1,888.0	4	2,785.0	6	1,992.8	93	15,498.5	2,918	751,000.9

	JANUARY		F	EBRUARY	MARCH		APRIL		]	MAY		JUNE	J	IULY	AU	GUST	SEP	TEMBER	OCTOBER		NOVEMBER		DECEMBER		YEAR TO DATE	
	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	5 WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES	WELLS	METRES
																							1			
EXPERIMENTAL																										
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.
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.
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.
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	0.0.
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.
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	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	0 0.
TOTAL	0	0.	.0 0	0.0	0	0.0	0	0.4	0 0	(	0.0 0	0.	D 0	0.0	0	0.0	) 0	0.0	) 0	0.0	0	0.0	) 0	0.0	0	0.
GRAND TOTAL	2,761	2,472,291.	.2 2,804	2,330,727.4	1,782	1,578,433.6	171	338,474.	5 289	367,99	5.5 738	856,725.	4 1,563	1,761,668.7	1,319	1,503,977.0	) 1,188	1,374,638.0	5 1,521	1,650,371.6	1,363	1,497,090.7	1.203	1,318,720.1	16.702	17,051,114.

ACTIVITY S	TATISTICS												
Year 2007													
		January	February	March	April	May	June	July	August	September	October	November	December
Capable Wells <sup>a</sup>													
Oil Wells													
Crude	Light & Medium	32,602	32,646	32,707	32,681	1 32,698	32,72	8 32,7	793 32,853	32,881	32,910	32,906	5 32,960
Crude	Heavy	16,935	16,949	17,024	17,120	) 17,134	17,15		186 17,220	17,259	17,274	17,317	
Crude	Bitumen	14,424	14,583	14,616	14,642	2 14,716	14,73	9 14,	846 14,949	15,044	15,154	15,286	5 15,412
		63,961	64,178	64,347	64,443	64,548	64,62	1 64,	825 65,022	65,184	65,338	65,509	65,729
Gas Wells													
Gas		118,042	118,794	119,710	120,103	3 120,324	120,44	5 120,4	401 121,059	121,693	122,398	123,268	3 124,086
Coalbed Methane	Coals & Other Lithologies	1,841	118,794		2,089		2,16		704 2,801				
Coalbed Methane	Coals	4,591	,	,			5,12		471 5,522		,		
Shale Gas	Shale Gas and Other Sources	4,591					5,12		0 (				
Shale Gas	Shale Gas only	1	1	4	/	1 4		5	7 8			-	
Shale Gas	CBM & Shale & Other Sources	3	3	3		3 3		3	3			3 4	
Share Gas		124,478						-			131,324		
						,	,	-,			- /-	- )	
Service Wells													
Water Disposal		1,868	1,864	1,870	1,865	5 1,869	1,86	9 1,	872 1,879	1,875	1,868	3 1,862	2 1,862
Water Injection		7,772	2 7,773	7,787	7,791	1 7,793	7,82	7 7,	836 7,855	5 7,868	7,876	7,889	7,898
Gas Injection		101						9	100 98	3 99	100	100	
Other		857	858	858	850	6 856	84	2	840 847	7 848	8 851	. 853	8 858
		10,598	10,595	10,615	10,614	4 10,620	10,63	7 10,	648 10,679	10,690	10,695	10,704	10,717
<b>Operated Wells</b> <sup>b</sup>													
Oil Wells													
Crude	Light & Medium	21,570	21,469	21,633	21,377	7 21,289	21,35	5 21,4	452 21,342	2 21,570	21,593	21,703	3 21,608
Crude	Heavy	10,693					10,88						
Crude	Bitumen	8,623							877 8,903				
		40,886											
			´	· · · · ·							· · · · · · · · · · · · · · · · · · ·		
Gas Wells													
Gas		92,357		93,922	93,690	5 94,152	94,04	5 94,	379 94,813	95,181	96,084	96,651	95,853
Coalbed Methane	Coals & Other Lithologies	1,789					2,08		594 2,696				
Coalbed Methane	Coals	4,334	4,403	4,575	4,558	3 4,620	4,78	8 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 0	0 0	
Shale Gas	Shale Gas only	0	0 0	3		3 3		4	6	7 7	' 7	/ 10	27
Shale Gas	CBM & Shale & Other Sources	1	. 1	-		1 1		0	-	0 0			1 4
		98,481	. 99,122	100,531	100,296	5 100,839	100,92	4 102,	079 102,670	103,317	104,575	105,385	105,715
Service Wells													
Water Disposal		1,365	1,358	1,349	1,361	1 1,373	1,37	1 1.1	371 1,369	1,370	1,368	3 1,369	0 1,364
Water Injection		5,856							861 5,912				
Gas Injection		39							40 39				
Other		1,104							111 1,140				
		8,364							383 8,460				
		0,004	0,020	5,507	0,040		0,02		0,100	3,300	5,577	5,721	3,70

		January	February	March	April	May	June	July	August	September	October	November	December
Active Pools													
Oil		4,971	4,929	5,019	4,991	4,96	7 5,0	5,089	5,090	5,090	5,115	5,132	5,115
Gas		16,809	16,989	17,099	16,963	16,894	1 17,6	17,516	17,775	17,573	17,784	18,198	18,092
Other		3,269	3,247	3,192	3,090	3,09	5 2,9	45 2,971	2,895	2,915	2,877	2,813	2,828
		25,049	25,165	25,310	25,044	24,95	5 25,5	78 25,576	25,760	25,578	25,776	26,143	26,035
Gas Processing Plants	(Operated)	655	656	653	652	64	5 6	48 648	646	646	650	651	647
Licenses Issued <sup>c</sup>													
Development	Conventional	888	860	401	370	59	9 7	947	883	884	1,093	983	806
	Oil Sands	300	275	279	80	12	3 1	33 98	166	152	152	242	239
Exploratory	Conventional	395	316	124	88	17	1 2	23 197	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
		3,029	1,808	878	540	90	3 1,0	1,255	1,250	1,195	1,526	2,107	4,031
	had been placed on production and wer produced during the month.	e either operated	, suspended, or	shut in during tl	ne month includ	ling crude butin	nen wells, bu	t excludes events u	sed for injection	 1			
c Includes licenses issue	ed for re-entry wells, water wells, and o	observation wells											