

# Alberta Drilling Activity

Monthly Statistics

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April 2024

## **ALBERTA ENERGY REGULATOR**

Statistical Series 59: Alberta Drilling Activity Monthly Statistics

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## ST-59 Alberta Drilling Activity Monthly Statistics

As of March 2014 (January 2014 data), the Alberta Drilling Activity - Monthly Statistics Report (ST-59) has been revised to incorporate enhancements to the content and report layout. The information contained in this report is obtained from well licence applications submitted to the AER under Directive 056 - Schedule 4.

For questions or concerns regarding the contents of this document, please contact [inquiries@ aer.ca](mailto:inquiries@ aer.ca).

## **Definitions and Notes:**

Coalbed Methane (CBM) is a naturally occurring gas, typically dry in Alberta, composed predominantly of methane, produced during the transformation of organic matter into coal.

Crude Bitumen is a naturally occurring viscous mixture, composed mainly of hydrocarbons heavier than Pentane, that may contain sulphur compounds, and that in its naturally occurring viscous state will not flow to a well.

Crude Oil is a mixture composed mainly of pentanes and some heavier hydrocarbons that may be contaminated with sulphur compounds, which is recovered or is recoverable at a well from an underground reservoir. It is liquid at the conditions under which its volume is measured or estimated and includes all other hydrocarbon mixtures so recovered or recoverable, except is not inclusive of raw gas, condensate, or crude bitumen.

Development Wells include the following Lahee classifications: Development, Development Service, Re-Entry, and Other wells. Exploratory Wells include the following Lahee classifications: Deep Pool Testing, Experimental, New Pool Wildcat, New Field Wildcat, Outpost, and Test Hole wells.

Horizontally drilled wells are identified by the well operator upon fulfilling data filing requirements under AER Directive 059. One of the filing requirements is to report a horizontal drill event for the well when the wellbore path achieves or exceeds an angle of 80 degrees from its vertical trajectory. Wells with one or more reported horizontal drill events are considered to be horizontal for this report. Wells licensed as horizontal are categorized as vertical/directional until well surveys have been received by the AER.

Natural gas is raw gas, marketable gas, or any constituent of raw gas, condensate, crude bitumen, or crude oil that is recovered in processing and is gaseous at the conditions under which its volume is measured or estimated.

Oil sands Evaluation Wells are wells drilled in a defined oil sands area for the purpose of evaluating oil sands deposits. These wells are drilled without the intention to produce hydrocarbons.

Other Wells include water, waste, brine, and miscellaneous wells.

Successful Wells are considered to be wells that are drilled and cased and not abandoned at the time of drilling.

**Oilsands Evaluation Wells** are drilled in an oilsands area to evaluate the oilsands and is not intended to produce hydrocarbons.

**Other** wells includes water, waste, brine, and miscellaneous wells.

**Successful Wells** drilled are cased and not abandoned at the time of drilling.

# Drilling Activity in Alberta

Year 2024

\*Monthly drilling data is subject to industry submitted amendments to the AER.  
\*\*Please see the cell comments for more information.



2024	DEVELOPMENT WELLS																								MONTHLY TOTAL				TOTAL							
	NATURAL GAS						COALBED METHANE						CRUDE OIL						CRUDE BITUMEN						OTHER						Vertical/Directional		Horizontal		Total Wells	Total Metres
	Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal									
Successful Wells	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	Wells	Metres	Wells	Metres						
January	4	11,247	86	477,206	90	488,452	0	0	0	0	0	0	0	0	390	1,091,945	0	0	6	4,053	296	683,002	302	687,055	56	20,869	22	45,788	78	66,657	66	36,168	794	2,297,940	860	2,334,109
February	4	11,267	68	393,144	72	404,411	0	0	0	0	0	0	7	10,620	313	944,146	320	954,766	4	2,527	365	838,117	369	840,644	69	26,121	21	51,393	90	77,514	84	50,535	767	2,226,800	851	2,277,335
March	0	0	80	481,370	0	0	0	0	0	0	0	0	3	3,047	251	751,504	254	754,551	6	3,739	362	848,484	368	852,223	33	11,389	23	46,769	56	58,158	42	18,175	716	2,128,127	758	2,146,303
April	1	1,572	68	421,033	69	422,605	0	0	0	0	0	0	1	936	122	381,442	123	382,378	1	670	270	615,683	271	616,353	11	12,452	30	64,526	41	76,978	14	15,630	490	1,482,684	504	1,498,313
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	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>9</b>	<b>24,086</b>	<b>302</b>	<b>1,772,752</b>	<b>231</b>	<b>1,315,468</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>14,603</b>	<b>1,076</b>	<b>3,169,037</b>	<b>697</b>	<b>2,091,695</b>	<b>17</b>	<b>10,989</b>	<b>1,293</b>	<b>2,985,286</b>	<b>1,310</b>	<b>2,996,275</b>	<b>169</b>	<b>70,831</b>	<b>96</b>	<b>208,476</b>	<b>265</b>	<b>279,307</b>	<b>206</b>	<b>120,508</b>	<b>2,767</b>	<b>8,135,551</b>	<b>2,973</b>	<b>8,256,059</b>

2024	EXPLORATORY WELLS																								MONTHLY TOTAL				TOTAL							
	NATURAL GAS						COALBED METHANE						CRUDE OIL						CRUDE BITUMEN						OTHER						Vertical/Directional		Horizontal		Total Wells	Total Metres
	Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal		Total		Vertical/Directional		Horizontal									
Successful Wells	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	Wells	Metres	Wells	Metres						
January	1	3,396	1	7,089	2	10,485	0	0	0	0	0	0	1	692	2	13,594	3	14,286	0	0	0	0	0	0	3	1,591	0	0	0	0	5	5,679	3	20,683	8	26,362
February	0	0	1	7,878	0	0	0	0	0	0	0	0	1	1,780	14	36,553	15	38,333	0	0	0	0	0	0	1	837	0	0	0	0	2	2,617	15	44,431	17	47,048
March	0	0	1	6,524	0	0	0	0	0	0	0	0	0	0	13	47,825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	54,349	14	54,349
April	0	0	1	6,850	0	0	0	0	0	0	0	0	0	0	7	34,207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	41,057	8	41,057
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
December	0	0	0	0	0	0	0	0	0	0	0	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>1</b>	<b>3,396</b>	<b>4</b>	<b>28,341</b>	<b>2</b>	<b>10,485</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2,472</b>	<b>36</b>	<b>132,179</b>	<b>18</b>	<b>52,619</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2,428</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>8,296</b>	<b>40</b>	<b>160,520</b>	<b>47</b>	<b>168,816</b>
<b>GRAND TOTAL</b>	<b>10</b>	<b>27,482</b>	<b>306</b>	<b>1,801,093</b>	<b>233</b>	<b>1,325,953</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>17,075</b>	<b>1,112</b>	<b>3,301,216</b>	<b>715</b>	<b>2,144,314</b>	<b>17</b>	<b>10,989</b>	<b>1,293</b>	<b>2,985,286</b>	<b>1,310</b>	<b>2,996,275</b>	<b>173</b>	<b>73,259</b>	<b>96</b>	<b>208,476</b>	<b>265</b>	<b>279,307</b>	<b>213</b>	<b>128,804</b>	<b>2,807</b>	<b>8,296,071</b>	<b>3,020</b>	<b>8,424,875</b>

# Drilling Activity in Alberta - Oilsands Evaluation Wells

Year 2024

\*Monthly oilsands evaluation well data is subject to industry submitted amendments to the AER.

\*\*Please see the cell comment for more information.

2024	OILSANDS EVALUATION WELLS						MONTHLY TOTAL	
	Cold Lake		Athabasca		Peace River		Wells	Metres
Successful Wells	Wells	Metres	Wells	Metres	Wells	Metres		
January	3	1,511	66	28,907	3	2,200	72	32,618
February	6	3,257	169	64,015	7	4,809	182	72,081
March	3	1,682	104	37,526	9	6,191	116	45,399
April	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>12</b>	<b>6,450</b>	<b>339</b>	<b>130,447</b>	<b>19</b>	<b>13,200</b>	<b>370</b>	<b>150,097</b>