

MATERIAL TOPIC - ASSET INTEGRITY & SPILLS (RELEASES)	2017	2018	2019	2020	2021	CONTEXT	GRI/SASB
Annual Production - Annual Report figure, financial control: boe	24,827,665	31,853,185	36,630,232	34,839,540	31,173,190		
Annual Production - Annual Report minus non-operated volumes (CDP): boe	21,273,660	28,712,829	36,604,811	34,723,518	31,154,575	2015-2016: excludes non-op volumes from GBU & IBU; 2017: excludes non-op from IBU; 2018: excludes ~11 months non-op from IBU	
Annual Production - Operated facility throughput including third-party volumes: boe	19,102,132	29,440,819	44,708,966	42,202,207	36,865,352	Use for intensity calculations to ensure numerator/denominator alignment	
<b>ASSET INTEGRITY AND PROCESS SAFETY</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		<b>OG13</b>
<b>Number of Tier 1 process safety events</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>OG13 &amp; EM-EP-540a.1</b>
Canada	0	0	0	0	0		
France	0	0	0	0	0		
Netherlands	0	0	0	0	0		
Australia	0	0	0	0	0		
United States	0	0	0	0	0		
Germany	0	0	0	0	0		
Central and Eastern Europe - Hungary		0	0	0	0		
Ireland		0	0	0	0		
<b>Number of Tier 2 process safety events</b>	<b>69</b>	<b>96</b>	<b>162</b>	<b>89</b>	<b>61</b>		<b>OG13</b>
Canada	42	71	109	52	25		
France	3	5	3	5	6		
Netherlands	13	15	17	2	1		
Australia	6	1	7	0	0		
United States	0	2	20	22	23		
Germany	5	1	0	8	6		
Central and Eastern Europe - Hungary and Croatia		1	0	0	0		
Ireland		0	6	0	0		
<b>SPILLS (RELEASES)</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	Reporting includes all spills (including those less than 1 bbl or 0.16m3, and those that were contained behind impermeable secondary containment) Reporting switched from m3 to bbl in 2020 for SASB alignment	<b>EM-EP-160a.2.</b>
<b>Number of significant spills, defined as included in financial statements due to resulting liabilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	No significant spills requiring reporting in financial statements 2012-2021	<b>306-3</b>
<b>Total number of all spills</b>	<b>170</b>	<b>268</b>	<b>445</b>	<b>410</b>	<b>368</b>		<b>306-3</b>
Canada	88	159	281	280	244		
France	47	61	51	50	46		
Netherlands	18	18	35	26	36		
Australia	9	10	8	8	9		
United States	3	6	63	38	27		
Germany	5	14	7	8	6		
Central and Eastern Europe - Hungary and Croatia		0	0	0	0		
Ireland		0	11	10	3		
<b>Volume of all spills: bbl</b>	<b>198</b>	<b>4,858</b>	<b>9,377</b>	<b>16,375</b>	<b>3,216</b>	See below for breakout of total volume into hydrocarbon, produced water and other, which we began reporting with our 2019 data	<b>306-3</b>
Canada	90	4,630	7,666.6	15,825.1	2,971.2		
France	72	95	540.7	195.0	75.5		
Netherlands	15	75	39.0	65.4	74.0		
Australia	15	1	53.7	0.1	1.1		
United States	6	48	1,067.7	241.8	90.2		
Germany	0	9	6.9	46.3	3.6		
Central and Eastern Europe - Hungary and Croatia		0	0.0	0.0	0.0		
Ireland		0	2.5	1.2	0.1		

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Annual Production - Operated facility throughput including third-party volumes: boe	19,102,132	29,440,819	44,708,966	42,202,207	36,865,352	Use for intensity calculations to ensure numerator/denominator alignment	
<b>Volume of spills - Hydrocarbon Liquids: bbl</b>			<b>469</b>	<b>1,226</b>	<b>258</b>	Reporting includes all spills (including those less than 1 bbl or 0.16m3, and those that were contained behind impermeable secondary containment); Zero spills in Arctic	EM-EP-160a.2
Canada			339.5	962.3	192.1		
France			30.2	163.5	37.7		
Netherlands			0.0	5.0	1.3		
Australia			15.3	0.1	1.1		
United States			81.4	93.7	25.3		
Germany			0.4	0.1	0.5		
Central and Eastern Europe - Hungary and Croatia			0.0	0.0	0.0		
Ireland			2.0	0.8	0.1		
<b>Volume of spills - Produced Water: bbl</b>			<b>8,763</b>	<b>14,908</b>	<b>2,886</b>		
Canada			7,289.4	14,667.8	2,774.6		
France			460.2	31.4	37.7		
Netherlands			18.9	19.1	8.5		
Australia			1.9	0.0	0.0		
United States			986.3	148.1	64.9		
Germany			6.4	41.5	0.0		
Central and Eastern Europe - Hungary and Croatia			0.0	0.0	0.0		
Ireland			0.1	0.0	0.0		
<b>Volume of spills - Other: bbl</b>			<b>145</b>	<b>241</b>	<b>72</b>		
Canada			37.7	195.0	4.5		
France			50.3	0.0	0.1		
Netherlands			20.1	41.3	64.3		
Australia			36.5	0.0	0.0		
United States			0.0	0.0	0.0		
Germany			0.1	4.7	3.2		
Central and Eastern Europe - Hungary and Croatia			0.0	0.0	0.0		
Ireland			0.4	0.3	0.0		