

MATERIAL TOPIC - ASSET INTEGRITY & SPILLS (RELEASES)	2018	2019	2020	2021	2022	CONTEXT	GRI/SASB
Annual Production - Annual Report figure, financial control: boe	31,853,185	36,630,232	34,839,540	31,173,190	31,093,255		
Annual Production - Annual Report minus non-operated volumes (CDP): boe	28,712,829	36,604,811	34,723,518	31,154,575	31,058,580	2018: excludes ~11 months non-op from IBU	
Annual Production - Operated facility throughput including third-party volumes: boe	29,440,819	44,708,966	42,202,207	36,865,352	35,634,107	Use for intensity calculations to ensure numerator/denominator alignment	
ASSET INTEGRITY AND PROCESS SAFETY	2018	2019	2020	2021	2022		GRI 11
Number of Tier 1 process safety events	0	0	0	0	1	0.16 per 1,000,000 employee + contractor hours worked (per Safety Metrics)	EM-EP-540a.1
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	1		
Germany	0	0	0	0	0		
Central and Eastern Europe - Hungary	0	0	0	0	0		
Ireland	0	0	0	0	0		
Number of Tier 2 process safety events	96	162	89	61	N/A	Recalibration of Tier 2 definition in progress 2022-2023	GRI 11
SPILLS (RELEASES)	2018	2019	2020	2021	2022	All spills, including < 1 bbl or 0.16m3, and those contained behind impermeable secondary containment; Units switched from m3 to bbl in 2020 IAW SASB; Zero spills in Arctic	EM-EP-160a.2
Number of significant spills, defined as included in financial statements due to resulting liabilities	0	0	0	0	0	No significant spills requiring reporting in financial statements 2012-2022	306-3
Total number of all spills	268	456	420	371	387		306-3
Canada	159	281	280	244	250		
France	61	51	50	46	35		
Netherlands	18	35	26	36	24		
Australia	10	8	8	9	15		
United States	6	63	38	27	39		
Germany	14	7	8	6	7		
Central and Eastern Europe - Hungary and Croatia	0	0	0	0	1		
Ireland	0	11	10	3	16		
Volume of all spills: bbl	4,858	9,377	16,375	3,216	6,401	Breakout into hydrocarbon, produced water and other began in 2019	306-3
Canada	4,630	7,667	15,825	2,971	4,494		
France	95	541	195	76	243		
Netherlands	75	39	65	74	18		
Australia	1	54	0	1	5		
United States	48	1,068	242	90	1,503		
Germany	9	7	46	4	137		
Central and Eastern Europe - Hungary and Croatia	0	0	0	0	0		
Ireland	0	3	1	0.1	1		
Volume of spills - Hydrocarbon Liquids: bbl		469	1,226	258	2,146		EM-EP-160a.2
Canada		340	962	192	1,793		
France		30	164	38	168		
Netherlands		0	5	1	1		
Australia		15	0	1	3		
United States		81	94	25	180		
Germany		0	0	0	0.3		
Central and Eastern Europe - Hungary and Croatia		0	0	0	0		

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Ireland		2	1	0.1	0.8		
Volume of spills - Produced Water: bbl		8,763	14,908	2,886	4,063		
Canada		7,289	14,668	2,775	2,699		
France		460	31	38	66		
Netherlands		19	19	8	2		
Australia		2	0	0	2		
United States		986	148	65	1,173		
Germany		6	42	0	121		
Central and Eastern Europe - Hungary and Croatia		0	0	0	0		
Ireland		0	0	0	0.2		
Volume of spills - Other: bbl		145	241	72	192		
Canada		38	195	4	2		
France		50	0	0	9		
Netherlands		20	41	64	15		
Australia		36	0	0	0		
United States		0	0	0	150		
Germany		0	5	3	16		
Central and Eastern Europe - Hungary and Croatia		0	0	0	0		
Ireland		0	0	0	0		