

PEYTO

Exploration & Development Corp.

2023 ESG DATA

CORPORATE INFORMATION

	Units	2021	2022	2023 PEY	2023 Repsol Assets
Production (Gross Operated)					
Gross Operated Sales Gas	Mcf/d	515,880	601,288	583,038	125,469
Gross Operated Liquids	bbl/d	12,990	14,858	13,035	6,063
Gross Operated BOED (6:1)	BOE/d	98,970	115,072	110,208	26,975
Net Production BOED (6:1)	BOE/d	91,051	103,548	104,948	incl with Peyto
Economic Benefits					
Capital expenditures	MM\$ (gross)/yr	409	564	525	n/a
Taxes, Royalties, rentals, fees and levies	MM\$ (gross)/yr	91	191	165	n/a
Operating Expenses	MM\$ (gross)/yr	128	175	210	n/a
Employee Compensation (salaries and performance awards)	MM\$ (gross)/yr	17	16	15	n/a
Dividends	MM\$ (gross)/yr	22	102	240	n/a
Total Annual Economic Benefits	MM\$ (gross)/yr	667	1,048	1,155	n/a
Reserves Valuation					
Proved Producing	MBOE	303,810	328,424	443,492	n/a
Total Proved	MBOE	567,903	590,235	830,494	n/a
Proved + Probable Additional	MBOE	903,568	929,075	1,303,368	n/a
Proven and probable reserves in or near Indigenous land	%	0	0	0	n/a

ENVIRONMENTAL (1/3)

		Units	2021	2022	2023 PEY	2023 Repsol Assets
GHG Emissions						
Total Scope 1 (direct) emissions		tCO ² e/yr	624,813	685,954	651,331	77,263
Total Scope 2 (indirect) emissions		tCO ² e/yr	27,827	27,827	27,919	3,703
Total Scope 1+2 emissions		tCO ² e/yr	652,640	713,781	679,250	80,965
Vented Emissions		tCO ² e/yr	101,533	98,943	101,025	17,422
Flared Emissions		tCO ² e/yr	17,298	24,897	9,384	8,840
Methane Emissions		tCO ² e/yr	206,979	210,621	217,803	24,596
Emissions Intensity						
Scope 1 (direct) Intensity	All Direct Emissions production activities.	tCO ² e/BOE	0.0173	0.0163	0.0162	0.0470
Scope 2 (indirect) Intensity	Indirect Emissions from purchased electricity	tCO ² e/BOE	0.0008	0.0007	0.0007	0.0023
Total GHG Emissions Intensity		tCO²e/BOE	0.0181	0.0170	0.0169	0.0492
Emissions Intensity per GJ produced		tCO ² e/GJ	0.0027	0.0026	0.0025	0.0087
Vented + Flared Emissions Intensity (Energy Equiv. Basis)		kgCO ² e/BOE	3.29	2.95	2.74	15.96
Methane Emissions intensity (Energy Equiv. Basis)		kgCO ² e/BOE	5.73	5.02	5.41	14.95
Energy Efficiency						
Energy Produced (excl consumption)		GJ	238,647,098	278,182,935	267,701,283	9,342,758
Energy Consumed (gas)		GJ	8,235,397	9,195,831	8,429,790	645,195
Energy Efficiency (gas)		% of GJ Prod.+Cons.	3.34	3.20	3.05	6.46
Energy Efficiency/unit production (gas)		GJ/produced m ³ OE	0.23	0.22	0.21	0.39

ENVIRONMENTAL (2/3)

	Units	2021	2022	2023 PEY	2023 Repsol Assets	
Air Quality - Criteria air contaminants (CAC)						
NOx	tonnes/yr	1,318	1,993	2,018	300	
Volatile Organic Compounds (VOC's)	tonnes/yr	388	426	424	130	
Particulate Matter (PM10)	tonnes/yr	3	4	5	8	
SO2	tonnes/yr	no SO2 emissions	no SO2 emissions	no SO2 emissions	9	
Water Management						
Total Non-saline make-up water	m ³	282,172	364,896	297,654	n/a	
	As a % of total of water use	% of frac water	72.5	68.9	72.8	n/a
Non-saline withdrawals from high stress regions	%	0	0	0	n/a	
Frac Water Used	m ³	389,253	529,911	409,000	n/a	
Number Wells Frac'd	Number	85	98	71	n/a	
Frac Water Used per Well	m ³	4,579	5,407	5,761	n/a	
Frac flowback water volumes						
	Produced	m ³	127,741	177,284	122,852	n/a
	Recycled	m ³	107,081	164,418	111,346	n/a
		%	83.83	92.74	90.63	n/a
	Disposed	m ³	20,660	12,866	11,506	n/a
Well/Plant Water Production						
	Produced	m ³	319,791	446,486	481,113	n/a
	Recycled	m ³	0	0	0	n/a
		%	-	-	-	n/a
	Disposed	m ³	319,791	446,486	481,113	n/a

ENVIRONMENTAL (3/3)

		Units	2021	2022	2023 PEY	2023 Repsol Assets
Biodiversity						
Land Use Intensity						
	New wells	ha/well	0.80	1.01	1.01	n/a
	Cumulative wells	ha/well	1.41	1.37	1.37	n/a
	Land Use Intensity	boed per ha (6:1)	36.17	40.63	37.93	n/a
Well Management						
	Operated Producing Wells (gross)	Number	1,802	1,894	1,959	759
	Directive 13 Type 6 Inactive Wells	Number	47	46	43	70
	Gross Operated Non-Producing Wells	Number	98	131	120	101
Total Operated Wells (gross)		Number	1947	2071	2122	930
	Operated Wells Spud in Year (gross)	Number	95	95	72	n/a
Environmental Liabilities						
Reportable Spills		Number	1	1	4	n/a
Wellsite Inspections		Number	16	17	24	n/a
	High risk deficiencies	Number	0	0	1	n/a
Facility Inspections		Number	10	7	45	n/a
	High risk deficiencies	Number	3	0	1	n/a
Rig Inspections		Number	2	7	4	n/a
	High risk deficiencies	Number	0	0	0	n/a
Abandonment and Reclamation						
Abandonment Requirements		Number	0	0	6	n/a
Wellsite reclamation Certificates obtained		Number	2	2	1	n/a
Total area reclaimed		ha	8.00	1.00	16.16	n/a

HEALTH AND SAFETY

		Units	2021	2022	2023 PEY	2023 Repsol Assets
Health and Safety						
Fatalities		Number	0	1	0	n/a
	Employee	Number	0	0	0	n/a
	Contractor/Consultant	Number	0	1	0	n/a
Recordable Incidents						
	Employee	Number	0	0	0	n/a
	Contractor/Consultant	Number	10	12	10	n/a
Total recordable injury frequency (TRIF)						
	Employee	Rate	0	0	0	n/a
	Contractor	Rate	0.90	0.76	0.69	n/a

SOCIAL AND GOVERNANCE (1/2)

	Units	2021	2022	2023 PEY	2023 Repsol Assets	
Community and Indigenous Engagement						
Total Community Investment		M\$ (gross)/yr	55	55	50	n/a
Indigenous business spend		M\$ (gross)/yr	70	167.5	89.5	n/a
Employee Information (FTE/Contractors)						
Head Office Employees		Number	55	61	84	n/a
Voluntary Turnovers		Number	1	0	1	n/a
Employees per 1000 boed		Number	0.56	0.53	0.76	n/a
Production per Employee		boed/person	1,799	1,886	1,312	n/a
Gender Diversity (FTE)						
Women in Workforce		%	40	52	46	n/a
Women in supervisory/Management		%	24	31	29	n/a
Women on Board of Directors		%	14	25	33	n/a
Governance						
Number Whistleblower Reports		Number	0	0	0	n/a
Number Whistleblower Reports Outstanding		Number	0	0	0	n/a

SOCIAL AND GOVERNANCE (2/2)

	Units	2021	2022	2023 PEY	2023 Repsol Assets	
Government Payments						
Federal						
	Payroll Tax	MM\$ (gross)/yr	5.5	31.7	49.0	n/a
Provincial						
	Payroll Tax	MM\$ (gross)/yr	incl in Federal	incl in Federal	incl in Federal	n/a
	Crown Royalties (net) (net of GCA)	MM\$ (net)/yr	61.2	146.1	62.5	n/a
	Crown Mineral Lease Purchases	MM\$ (gross)/yr	4.1	7.1	4.7	n/a
	Income Tax	MM\$ (gross)/yr	-	4.8	20.5	n/a
	AER Fees	MM\$ (gross)/yr	6.0	7.0	6.8	n/a
	Orphan Well Levy	MM\$ (gross)/yr	0.9	1.0	2.1	n/a
	Surface Rentals	MM\$ (gross)/yr	0.8	1.0	0.9	n/a
	Mineral Rentals	MM\$ (gross)/yr	0.8	1.1	0.9	n/a
	TIER Carbon Tax	MM\$ (gross)/yr	0.9	0.8	3.0	n/a
	Business Tax	\$ (gross)/yr	1,610	231	1,868	n/a
	Total Province	MM\$ (gross)/yr	74.8	168.9	101.3	n/a
Municipal						
	Property Tax	MM\$ (gross)/yr	11.4	12.1	13.4	n/a
	Road Use (net of refund)	MM\$ (gross)/yr	-	-	-	n/a
	Well Drilling and Equipment Tax	M\$ (gross)/yr	101.9	6.6	-	n/a
	Total Municipal	MM\$ (gross)/yr	11.5	12.2	13.4	n/a
Total (w/ Payroll)		MM\$/yr	91.8	212.8	163.7	n/a

Footnotes:

For 2023, Peyto had all emissions inventory data third-party verified, excluding the 2023 Repsol Assets data. 2021-2022 emissions inventory data contained within this data table and report were compiled by Peyto with support from third party consultants. Peyto looks to API 2009 Compendium, SASB Guidelines and AER Manual 015 to ensure that values reported agree with widely utilized standards. As standards evolve, Peyto may adjust the methodologies used to calculate emissions. In these instances, the change will be implemented on "go forward" basis.